



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7**

11201 Renner Boulevard
Lenexa, Kansas 66219

OCT 22 2018

**SPECIAL NOTICE LETTER
INFORMATION REQUEST LETTER**

**URGENT LEGAL MATTER -- PROMPT REPLY NECESSARY
SENT BY CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Carl R. Ice
President and Chief Executive Officer
BNSF Railway and Burlington Northern Santa Fe, LLC
2500 Lou Menk Drive
P.O. Box 961039
Ft. Worth, Texas 76161-0039

The Corporation Trust Company
Registered Agent for BNSF Railway Company
Corporation Trust Center
1209 Orange Street
Wilmington, Delaware 19801

Re: Cherokee County Superfund Site - Record of Decision, Operable Unit #8, Railroads Cleanup
Special Notice for Negotiation of Remedial Design and Request for Information

Dear Mr. Ice:

This letter notifies you of your potential responsibility under Section 107(a) of the Comprehensive Environmental Response, Compensation, and Liability Act, or CERCLA or Superfund, 42 U.S.C. § 9607(a), for the cleanup of the Cherokee County Superfund Site, OU8 Railroads, or CCR OU8. The U.S. Environmental Protection Agency is now contacting you to begin discussions to resolve the responsibility of BNSF Railway and Burlington Northern Santa Fe, LLC, for the cleanup associated with the OU8 railroad remedial action at the Cherokee County Site, or Site.

Specifically, the EPA invites you to accelerate the remedial design for CCR OU8 by offering you, as a potentially responsible party, an opportunity to submit a good faith offer to conduct remedial design, or RD, under an Administrative Settlement. This offer to negotiate an RD settlement necessitates issuance of two settlement documents: an Administrative Settlement/Administrative Order on Consent, or AS/AOC, for RD and a subsequent consent decree for the remedial action. The Record of Decision, or ROD, for OU8 was issued in 2016. The major components of the remedy include the following:

- Excavation and removal of all ballast material and contaminated soil with metals concentrations exceeding the cleanup levels of 1,770 parts per million, or ppm, lead and 4,000 ppm zinc;
- Transportation of wastes to existing consolidation areas for consolidation and capping (OU3/OU4);
- Institutional controls, or ICs, placed at consolidation areas so that the consolidation areas are not disturbed and
- Operation and maintenance, or O&M, provided at the consolidation areas.

The remedial design is scheduled to begin in 2019. The agency believes that bifurcation of the RD and the remedial action, or RA, is appropriate to accelerate the implementation of response actions at CCR OU8. A mixed work settlement may be appropriate because the cleanup work for abandoned rail corridors could be completed by the EPA, while BSNF would be responsible for cleanup of its own rail corridors. The implementation of the RD work would be in a manner to avoid delays in initiating the RA. The EPA also anticipates RA settlement negotiations with BNSF would begin no later than at the completion of the RD.

Also, this letter requests information from BNSF under the authority of Section 104(e) of CERCLA. The agency is requesting your cooperation in providing information and documents relating to the contamination and CCR OU8. (See Enclosure A, Information Request Instructions and Questions.)

Background

The EPA has documented the release or threatened release of hazardous substances, pollutants, or contaminants at the Site. The EPA placed the Site on the National Priorities List, or NPL, set forth at 40 C.F.R. Part 300, Appendix B, by publication in the Federal Register on September 8, 1983, 48 Fed. Reg. 40658. Mining operations contaminated soils, groundwater and surface water at this 115-square-mile Superfund Site with lead, zinc and cadmium. The EPA divided the Site into Subsites and nine operable units, or OUs, including OU8 Railroads. The BNSF rail corridors are included in the CCR OU8 remedy (herein “the BNSF rail corridors”). For example, one of the BNSF rail corridors is located at or near the station of Riverton, County of Cherokee, State of Kansas. (See Enclosure B, BNSF Rail Map, Drawing No. 70413B.)

The EPA has undertaken response actions and incurred costs at the Site. Subsequent to the NPL listing, the EPA has conducted a number of investigations throughout the Site, beginning with the Galena subsite in 1985. Numerous remedial and removal actions have taken place throughout the Site as noted in RODs and Five-Year Reviews for the various OUs. (See link to CCR OU8 ROD and other RODS and Five-Year Reviews at this Site’s homepage: <https://www.epa.gov/superfund/cherokeecounty>.)

The EPA identified and designated CCR OU8 in 2012. Work at this operable unit has consisted of the remedial investigation, or RI, that began in 2013. Sampling was conducted in 2013 during three separate events including samples from the BNSF railroad corridors. Following completion of the RI, the feasibility study, or FS, began in 2015. A Streamlined Ecological Risk Assessment was conducted in 2014 and the Baseline Human Health Risk Assessment was completed in 2015. These CCR OU8 response activities are the first investigations and studies focused solely on risks associated with rail lines at this Site. There have been a few railroad beds incidentally included with the undeveloped areas in other OUs at this Site, e.g., the mining districts, subsites and other areas.

The EPA obtained access to the BNSF rail corridors for sampling events as part of the CCR OU8 RI/FS. The agency appreciates the cooperation of BNSF during these sampling events. Other property access was obtained through access agreements signed by the property owner (for abandoned segments that reverted to private ownership). Access for BNSF-owned rail lines was coordinated through your contractor at Jones Lang LaSalle America, Inc.

Special Notice and Negotiation Moratorium

The EPA has determined that use of the special notice procedures set forth in Section 122(e) of CERCLA, 42 U.S.C. § 9622(e), may facilitate a settlement between BNSF and the EPA for implementation of the RD for CCR OU8 response actions. Under Section 122(e), this letter triggers a 60-day moratorium on certain EPA response activities at the Site. During this 60-day moratorium, the EPA will not begin RD/RA at the BNSF rail corridors at the Site. However, the EPA reserves the right to take action at the Site at any time should a significant threat to human health or the environment arise.

During this 60-day period, BNSF is invited to participate in formal negotiations with the EPA in an effort to reach a settlement to conduct or finance the remedial design for the BNSF rail corridors within this Site. The 60-day negotiation period ends on **December 23, 2018**. The 60-day negotiation moratorium will be extended for an additional 60 days if BNSF provides the EPA with a “good faith offer” to conduct or finance the response action. If the EPA determines that your proposal is not a “good faith offer,” you will be notified in writing of the EPA’s decision to end the moratorium. If the moratorium is extended for an additional 60 days, negotiations will conclude on February 21, 2019. If settlement is reached between the EPA and the potentially responsible parties, or PRPs, within the 120-day negotiation moratorium, the settlement will be embodied in an AS/AOC for RD. (See Enclosure C, Proposed AS/AOC for RD and Proposed Statement of Work for CCR OU8.) When approved by the EPA and, as necessary and in accordance with the law and guidance on Attorney General approvals, the U.S. Department of Justice, or DOJ, the AS/AOC for RD will be filed with the Region 7 EPA Regional Hearing Clerk and with the Administrative Record for this Site.

If a “good faith offer” is not received within 60 days, or a timely settlement cannot be reached, the EPA may take appropriate action at the Site, which may include either of the following options: (1) the EPA may fund the RD/RA and pursue a cost recovery claim under Section 107 of CERCLA, 42 U.S.C. § 9607, against BNSF; or (2) the EPA may issue a Unilateral Administrative Order, or UAO, to BNSF under Section 106(a) of CERCLA, 42 U.S.C. § 9606, requiring BNSF to perform the work described in the ROD. If the recipients of a UAO refuse to comply with the UAO, the EPA may pursue civil litigation against the recipients to require compliance.

Good Faith Offer

A proposed AS/AOC for RD is enclosed to assist you in developing a “good faith offer.”¹ As indicated, the 60-day negotiation moratorium triggered by this letter is extended for 60 days if the PRPs submit a “good faith offer” to the EPA. A “good faith offer” to conduct or finance the remedial action is a written proposal that demonstrates your qualifications and willingness to perform such work and includes the following elements:

¹ This draft AS/AOC is not currently binding on the EPA and is subject to revision and approval by the EPA and DOJ, as necessary in accordance with the law and guidance. EPA Headquarters and DOJ approval may be necessary in this matter. It is based on the model AS/AOC for RD, which is available at <https://www.epa.gov/tx/administrative-settlement-agreement-and-order-consent-remedial-design>.

- A statement of your willingness and financial ability to implement the requirements of the ROD and proposed AS/AOC for RD, and that provides a sufficient basis for further negotiation;
- A demonstration of your technical capability to carry out the remedial design, including identification of the firm(s) that may actually conduct the work or a description of the process that will be undertaken to select the firm(s);
- A detailed statement of work or work plan identifying how you intend to proceed with the remedial design, including your willingness to design a “greener cleanup” as described in the EPA’s guidance on “Consideration of Greener Cleanup Activities in the Superfund Cleanup Process” (2016); <https://semspub.epa.gov/work/HQ/100000160.pdf> ;
- A statement of your willingness to reimburse the EPA for costs the EPA will incur in overseeing your implementation of the remedial design;
- A response to the proposed AS/AOC for RD. If your offer contemplates modifications, please make revisions or edits and submit a version showing your proposed modifications to it; e.g., a redline/strikeout version of the proposed AS/AOC for RD in Microsoft Word, and;
- The name, address, and phone number of the party who will represent you in negotiations.

Demand for Reimbursement of Costs

With this letter, the EPA demands that you reimburse the EPA for its costs incurred to-date and encourages you to voluntarily negotiate an AS/AOC for RD in which you agree to perform the RD.

In accordance with Section 104 of CERCLA, 42 U.S.C. § 9604, the EPA has already taken certain response actions and incurred certain costs in response to conditions at the Site. These response actions include: RI/FS and ROD for CCR OU8. The EPA is seeking to recover from BNSF its response costs and all the interest authorized to be recovered under Section 107(a) of CERCLA, 42 U.S.C. § 9607. To date, the approximate total response costs for CCR OU8 identified through May 31, 2018, for the Site are \$843,472.92. Under Section 107(a) of CERCLA, the EPA hereby makes a demand for payment from BSNF for the above amount plus all interest authorized to be recovered under Section 107(a). A summary of these costs is enclosed as Enclosure D.

Some, or all, of the costs associated with this notice may be covered by current or past insurance policies issued to BNSF. Most insurance policies will require that you timely notify your carrier(s) of a claim against you. To evaluate whether you should notify your insurance carrier(s) of this demand, you may wish to review current and past policies, beginning with the date of BNSF’s first interaction with this Site, up to the present. Coverage depends on many factors, such as the language of the particular policy and state law.

In the event that you file for protection in a bankruptcy court, you must include the EPA as a creditor, because the EPA has a potential claim against you. The EPA reserves the right to file a proof of claim or application for reimbursement of administrative expenses.

Administrative Record

In accordance with Section 113 of CERCLA, 42 U.S.C. § 9613, the EPA has established an Administrative Record containing the documents that serve as the basis for the EPA's selection of the response action for the Site. This Administrative Record is located at <https://www.epa.gov/superfund/cherokeecounty> and is available to the public for inspection and comment. The Administrative Record is also available for inspection and comment at the Superfund Records Center, EPA Region 7, 11201 Renner Boulevard, Lenexa, Kansas 66219. You may wish to review the Administrative Record to assist you in responding to this letter, but your review should not delay such response beyond the 60-day period provided by CERCLA.

EPA Contact Person for Special Notice Response and Good Faith Offer

You are encouraged to contact the EPA within 15 days of your receipt of this letter to indicate your willingness to participate in future negotiations concerning this Site. If the EPA does not receive a timely response, the EPA will assume that you do not wish to negotiate a resolution of your responsibilities for conducting the RD for CCR OU8 in connection with the Site, and that you have declined any involvement in performing such response activities.

Your response to this Special Notice Letter and the demand for costs included herein, including written proposals to perform the RD for CCR OU8 at this Site, should be sent to:

Elizabeth Hagenmaier
Remedial Project Manager
Superfund Division, Lead Mining and Special Emphasis Branch
US EPA Region 7
11201 Renner Blvd.
Lenexa, KS 66219
(913) 551-7939

The factual and legal discussions in this letter are intended solely to provide notice and information, and such discussions are not to be construed as a final EPA position on any matter set forth herein. Due to the seriousness of the environmental and legal problems posed by the conditions at the Site, the EPA urges that you give immediate attention and prompt response to this letter.

Information Request

The EPA is seeking information from BNSF concerning the management, generation, storage, treatment, transportation, and disposal methods related to hazardous materials or substances that have been or threaten to be released from CCR OU8. (See Enclosure A for instructions and questions.) The EPA believes that you might have information which may assist the agency in its response at the Site. Under Section 104(e) of CERCLA, 42 U.S.C. § 9604(e)(2), the EPA has broad information-gathering authority which allows the EPA to require persons to furnish information or documents relating to:

- (A) The identification, nature, and quantity of materials which have been or are generated, treated, stored, or disposed of at a vessel or facility or transported to a vessel or facility;
- (B) The nature or extent of a release or threatened release of hazardous substance or pollutant or contaminant at or from a vessel or facility;

(C) Information relating to the ability of a person to pay for or to perform a cleanup.

While the EPA seeks your voluntary cooperation in this investigation, compliance with our request for information is required by law. Failure to respond fully and truthfully to the attached Information Request **within thirty (30) days of receipt of this letter**, or to adequately justify such failure to respond, may result in an enforcement action by the EPA pursuant to Section 104(e) of CERCLA. The provision of false, fictitious, or fraudulent statements or representations may subject you to criminal penalties under 18 U.S.C. § 1001.

Some of the information the EPA is requesting may be considered confidential. Please be aware that BNSF may not withhold the information upon that basis. If BNSF wishes the EPA to treat the information confidentially, BNSF must advise the EPA of that fact by following the procedures outlined in the attached Information Request, including the requirement for supporting the claim for confidentiality.

If you have information about other parties who may have information which may assist the agency in its investigation of the Site or may be responsible for the contamination at the Site, that information must be submitted within the time frame noted above.

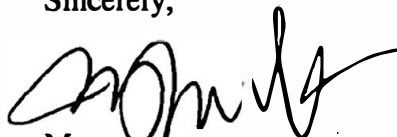
This Information Request is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. § 3501 *et seq.* Your response to this Information Request should be mailed within 30 days of receipt of this letter to:

U.S. Environmental Protection Agency
c/o Elizabeth Hagenmaier
Remedial Project Manager
Lead Mining and Special Emphasis Branch
11201 Renner Blvd.
Lenexa, Kansas 66219

If you have any questions regarding the technical aspects of this letter, please contact Elizabeth Hagenmaier, Remedial Project Manager, at (913) 551-7939 and hagenmaier.elizabeth@epa.gov. If you have an attorney handling your legal matters, please direct his or her questions to Jane Kloeckner, Site Attorney, at (913) 551-7235. If you have any other questions regarding this letter, you may contact Gene Gunn, Chief of the Lead Mining and Special Emphasis Branch, at (913) 551-7776 and gunn.gene@epa.gov.

My staff and I look forward to working with you during the coming months.

Sincerely,



Mary R. Peterson
Director
Superfund Division

cc: Chris Hase, Kansas Department of Health and Environment
Jeffrey N. Davis, BNSF Railway

Enclosures

- A. Information Request Instructions and Questions
- B. BNSF Rail Maps
- C. Proposed AS/AOC for RD for OU8 Cherokee County Site, Rail Road Cleanup
- D. CCR OU8 Past Cost Summary

ATTACHMENT A. INFORMATION REQUEST INSTRUCTIONS AND QUESTIONS

Instructions

1. You are required to provide a separate narrative response to each and every question and subpart of a question set forth in this Information Request.
2. Precede each answer with the number of the question to which it corresponds.
3. If information or documents not known or not available to you on the date of submission of your response to this Information Request should become known or available to you at a later date, you must supplement your response to EPA. Moreover, should you find at any time after the submission of this response that any portion of the submitted information is false or misrepresents the truth, you must notify EPA of this fact as soon as possible and provide EPA with a corrected response.
4. For each document produced in response to this Information Request, identify the document and indicate on the document, or in some other reasonable manner, the number of the question to which it responds.
5. Identify the appropriate official or representative of Respondent to contact for additional information or clarification of information provided. Provide the telephone number and address for this representative.
6. If you are unable to provide the information requested herein, identify those parties (including their names, addresses, and telephone numbers) who may possess such information.
7. Provide the names and current or last known addresses of all present and former employees of Respondent, as well as of any additional persons having knowledge of any fact called for in this information request. Include a brief description of the general area of knowledge of each person.
8. Identify all persons consulted in the preparation of answers to these questions and each person's area of expertise.
9. If you believe that there may be persons able to provide additional documents or information responsive to the questions herein, identify such person and the additional information or documents they may have.
10. Describe all records now or formerly in your possession relating to each of the facts requested by this letter. Include the name and address of the present caretaker of these records and their location. If any of these records have been destroyed, state the date and methods of such destruction.
11. Provide the names, addresses, and telephone numbers of the Respondent's financial record keepers, past and present, who may have the knowledge regarding the Property.

12. Identify and describe documents, books and records available in your libraries, record center, or archives that may include information pertaining to the Property. Provide copies of indices relating to such information.

13. Provide a description of all other records maintained by the company for operations at the Property.

14. The information requested herein must be provided even though the Respondent may contend that it includes confidential information or trade secrets. Respondent may, if desired, assert a confidentiality claim covering part or all of the information requested, pursuant to Section 104(e)(7)(E) and (F) of CERCLA, 42 U.S.C. § 9604(e)(7)(E) and (F), by segregating such materials for which a claim of confidentiality is being asserted from those materials for which no claim of confidentiality is being asserted, and attaching to those materials for which a claim of confidentiality is being asserted, at the time such materials are submitted, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret," or "proprietary" or "company confidential." Information covered by such a claim will be disclosed by EPA only to the extent, and only by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such claim accompanies the information when it is received by EPA, it may be made available to the public by EPA without further notice to Respondent. Respondent should read the above cited statutes and regulation carefully before asserting a business confidentiality claim, since certain categories of information are not properly the subject of such a claim.

Definitions

The following definitions shall apply to the following words as they appear in this Attachment:

1. The term "you," "Respondent" or "your" shall mean BNSF and its officers, directors, managers, employees, contractors, trustees, successors, assigns, and agents.

2. The term "person" as used herein includes, in the plural as well as the singular, any natural person, firm, unincorporated association, partnership, corporation, trust or other entity.

3. The term "the Facility" shall mean and include the land and assets on or adjacent to the BNSF rail corridors located within the Cherokee County Superfund Site and the CCR OU8. See Attachment B, BNSF Rail Maps.

4. The term "Property" shall mean and include the Facility and all real estate, or other property interests, as defined herein, that BNSF either wholly or partially owns or operates, including the land where the BNSF rail corridors are located, or such lands, or other property interests, as defined herein, that BNSF wholly or partially leases or rents within the Site.

5. The term "hazardous substance" shall have the same definition as that contained in Section 101(14) of CERCLA and includes any mixtures of such hazardous substances with any other substances, including petroleum products.

6. The term "pollutant or contamination" shall have the same definition as that contained in Section 101(33) of CERCLA, and includes any mixtures of such pollutants and contaminants with any other substances, including petroleum products.

7. The term "hazardous waste" shall have the same definition as that contained in Section 1004(5) of RCRA.
8. The term "solid waste" shall have the same definition as that contained in Section 1004(27) of RCRA.
9. The term "material" shall mean all substances that have been generated, treated, stored, disposed of or otherwise handled at, or transported to the Property; including, but not limited to, all hazardous substances, pollutants and contaminants, hazardous wastes and solid wastes as defined above and specifically including any mining, milling, smelting, mineral processing, or chemical production wastes.
10. The term "hazardous material" shall mean all hazardous substances, pollutants or contaminants, and hazardous wastes, as defined above.
11. The term "non-hazardous material" shall mean all material as defined above, excluding hazardous substances, pollutants and contaminants, and hazardous wastes.
12. The term "identify" means, with respect to a natural person, to set forth the person's name, present or last known business address and business telephone number, present or last known home address and home telephone number, and present or last known job title, position or business.
13. The term "identify" means, with respect to a corporation, partnership, business trust or other association or business entity (including a sole proprietorship), to set forth its full name, address, legal form (e.g. corporation, partnership, etc.), organization, if any, and a brief description of its business.
14. The term "identify" means, with respect to a document, to provide its customary business description, its date, its number if any (invoice or purchase order number), the identity of the author, addressor, addressee and/or recipient, and the substance or the subject matter.
15. The term "release" has the same definition as that contained in Section 101 (22) of CERCLA, 42 U.S.C. § 9601 (22), and includes any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, including the abandonment or discharging of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant.
16. The terms "document" and "documents" shall include: (a) writings of any kind, formal or informal, whether or not wholly or partially in handwriting, including by way of illustration and not by way of limitation, any invoice, receipt, endorsement, check, bank draft, cancelled check, deposit slip, withdrawal slip, order, correspondence, record book, minutes, memorandum of telephone and other conversations including meetings, agreements and the like, diary, calendar, desk pad, scrapbook, notebook, bulletin, circular, form, pamphlet, statement, journal, postcard, letter, telegram, telex, report, notice, message, analysis, comparison, graph, chart, interoffice or intraoffice communications, photostat or other copy of any documents; (b) microfilm or other film record, any photograph, sound recording on any type of device, any punch card, disc or disc pack; (c) any tape or other type of memory generally associated with computers and data processing (together with the programming instructions and other written material necessary to use such punch card, disc, or disc pack, tape or other type of memory and

together with printouts of such punch card, disc, or disc pack, tape or other type of memory); and (d) (1) every copy of each document which is not an exact duplicate of a document which is produced, (2) every copy which has any writing, figure or notation, annotation or the like of it, (3) drafts, (4) attachments to or enclosures with any document and (5) every document referred to in any other document.

17. The terms "and" and "or" shall be construed either disjunctively or conjunctively as necessary to bring within the scope of this Information Request any information which might otherwise be construed to be outside its scope.

18. The term "arrangement" means every separate contract or other agreement between two or more persons.

20. Words in the masculine shall be construed in the feminine, and vice versa, and words in the singular shall be construed in the plural, and vice versa, where appropriate in the context of a particular question or questions.

21. All terms not defined herein shall have their ordinary meaning, unless such terms are defined in CERCLA, RCRA, or Title 40 of the Code of Federal Regulations.

22. The term "property interest" means any interest in property, including but not limited to, any ownership interest, any interest in the rental of property, any interest in a corporation that owns or rents or owned or rented property, and any interest as either the trustee or beneficiary of a trust that owns or rents, or owned or rented property.

23. The term "asset" shall include the following: real estate, buildings or other improvements to real estate, equipment, vehicles, furniture, inventory, supplies, customer lists, accounts receivable, interest in insurance policies, interests in partnerships, corporations and unincorporated companies, securities, patents, stocks, bonds, and other tangible as well as intangible property.

24. The term "Site" means the Cherokee County Superfund Site as described in the CCR OU8 ROD.

Questions

1. Identify the current owner and/or operator of the Property. State the dates during which the current owner and/or operator owned, operated or leased any portion of the Property and provide copies of all documents evidencing or relating to such ownership, operation or lease, including but not limited to purchase and sale agreements, deeds, leases, etc.
2. Identify any persons who concurrently with the owner/operator exercised actual control or who held significant authority to control activities at the Property.
 - a. Partners or joint ventures;
 - b. Any contractor, subcontractor, or licensor with any presence or activity on the Property (service contractors, remediation contractors, management and operator contractors, licensor providing technical support to licensed activities);
 - c. Any person subleasing land, equipment or space on the Property;
 - d. Utilities, pipelines, railroads and any other person with activities and/or easements regarding the Property;
 - e. Major financiers and lenders;
 - f. Any person who exercised actual control over any activities or operations on the Property;
 - g. Any person who held significant authority to control any activities or operations on the Property;
 - h. Any person who had a significant presence or who conducted significant activities on the Property; and,
 - i. Government entities that had proprietary (as opposed to regulatory) interest or involvement with regard to the activity on the Property.
3. If you are the current owner and/or current operator, did you acquire or operate the Property or any portion of the Property after the disposal or placement of hazardous substances on, or at the Property? Describe all of the facts on which you base the answer to the preceding question.
4. At the time you acquired or operated the Property, did you know or have reason to know that any hazardous substance was disposed of on, or at the Site? Describe all investigations of the Site you undertook prior to acquiring the Property and all of the facts on which you base the answer to the preceding question.
5. Identify all prior owners of the Property. For each prior owner, further identify:
 - a. The dates of ownership;
 - b. All evidence showing that they controlled access to the Property; and,
 - c. All evidence that a hazardous substance, pollutant, or contaminant, was released or threatened to be released at the Property during the period that they owned the Property.
6. Identify all prior operators of the Property including lessors of the Property. For each such operator, further identify:
 - a. The dates of operation;
 - b. The nature of prior operations at the Property;
 - c. All evidence that they controlled access to the Property; and,

- d. All evidence that a hazardous substance, pollutant, or contaminant was released or threatened to be released at or from the Property and/or its solid waste units during the period that they were operating the Property.
- 7. Describe the nature of your activities or business at the Property, with respect to purchasing, receiving, processing, storing, treating, disposing, or otherwise handling hazardous substances or materials at the Site.
- 8. Did you ever use, purchase, generate, store, treat, dispose, or otherwise handle at the Site any hazardous substances? If the answer to the preceding question is anything but an unqualified "no," identify:
 - a. In general terms, the nature and quantity of the hazardous substances so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;
 - b. The chemical composition, characteristics, physical state (e.g., solid, liquid) of each hazardous substance so transported, used, purchased, generated, stored, treated, disposed, or otherwise handled;
 - c. The persons who supplied you with each such hazardous substance;
 - d. How each such hazardous substance was used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you;
 - e. When each such hazardous substance was used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you;
 - f. Where each such hazardous substance was used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you; and,
 - g. The quantity of each such hazardous substance used, purchased, generated, stored, treated, transported, disposed or otherwise handled by you.
- 9. Identify all federal, state and local authorities that regulated the Property Operator and/or that interacted with the Property Operator. Your response is to address all interactions and in particular all contacts from agencies/departments that dealt with health and safety issues and environmental concerns.
- 10. Describe all occurrences associated with violations, citations, deficiencies, and/or accidents concerning the Property. Provide copies of all documents associated with such an occurrence.
- 11. Provide a list of all local, state and federal environmental permits ever granted for the Property or any part thereof (e.g., RCRA permits, NPDES permits, etc.).
- 12. Did BNFS ever file a Hazardous Waste Activity Notification under the Resource Conservation and Recovery Act (RCRA)? If so, provide a copy of such notification.
- 13. Provide information about the Property, including but not limited to the following:
 - a. Property boundaries, including a written legal description;
 - b. Location of underground utilities (telephone, electrical, sewer, water main, etc.);
 - c. Surface structures (e.g., buildings, tanks, etc.);
 - d. Groundwater wells, including drilling logs;
 - e. Storm water drainage system;

- f. Any and all additions, demolitions or changes of any kind on, under or about the Site, its physical structures or to the property itself (e.g., excavation work); and any planned additions, demolitions or other changes to the site; and,
 - g. All maps and drawings of the Site in your possession.
- 14. Provide all reports, information or data related to soil, water (ground and surface), or air quality and geology/hydrogeology at and about the Property completed by BNSF, its employees or agent(s). Provide copies of all documents containing such data and information, including both past and current aerial photographs as well as documents containing analysis or interpretation of such data.
- 15. Describe the acts or omissions of any persons other than your employees, agents or those persons with whom you had a contractual relationship that may have caused or exacerbated the release or threat of release of hazardous substances at the Property, and describe the damages relating therefrom and identify such persons. In addition:
 - a. Describe all precautions that you took against foreseeable acts or omissions of any such third parties and the consequences that could foreseeably result from such acts or omissions; and,
 - b. Describe the care you exercised with respect to the hazardous substances found at the Property.
- 16. Identify all past and present solid waste management units (e.g., waste piles, landfills, surface impoundments, waste lagoons, waste ponds or pits, tanks, container storage areas, etc.) on the Property. For each such solid waste management unit, provide the following information:
 - a. A map showing the unit's boundaries and the location of all known solid waste management units whether currently in operation or not. This map should be drawn to scale, if possible, and clearly indicate the location and size of all past and present units;
 - b. The type of unit (e.g., storage area, landfill, waste pile, etc.), and the dimensions of the unit;
 - c. The dates that the unit was in use;
 - d. The purpose and past usage (e.g., storage, spill containment, etc.);
 - e. The quantity and types of materials (hazardous substances and any other chemicals) located in each unit;
 - f. The construction (materials, composition), volume, size, dates of cleaning, and condition of each unit; and,
 - g. If unit is no longer in use, how was such unit closed and what actions were taken to prevent or address potential or actual releases of waste constituents from the unit.
- 17. Identify all leaks, spills, or releases into the environment of any hazardous substances, pollutants, or contaminants that have occurred at or from the Property. In addition, identify:
 - a. When such releases occurred;
 - b. How the releases occurred (e.g. when the substances were being stored, delivered by a vendor, transported or transferred to or from any tanks, drums, barrels, or recovery units, and treated);
 - c. The amount of each hazardous substance, pollutants or contaminants so released;
 - d. Where such releases occurred;
 - e. Any and all activities undertaken in response to each such release or threatened release, including the notification of any agencies or governmental units about the release;

- f. Any and all investigations of the circumstances, nature, extent or location of each release or threatened release including, the results of any soil, water (ground and surface), or air testing undertaken; and,
 - g. All persons with information relating to these releases.
- 18. Has any contaminated soil ever been excavated or removed from the Property? Unless the answer to the preceding question is anything besides an unequivocal "no", identify:
 - a. Amount of soil excavated;
 - b. Location of excavation;
 - c. Manner and place of disposal and/or storage of excavated soil;
 - d. Dates of soil excavation;
 - e. Identity of persons who excavated or removed the soil;
 - f. Reason for soil excavation;
 - g. Whether the excavation or removed soil contained hazardous substances and why the soil contained such substances;
 - h. All analyses or tests and results of analyses of the soil that was removed from the Property; and,
 - i. All persons, including contractors, with information about (a) through (h) of this request.
- 19. Provide information and documentation concerning all inspections, evaluations, safety audits, correspondence and any other documents associated with the conditions, practices, and/or procedures at the Property.
- 20. Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, hydrology or air quality on or about the Property? If so, identify:
 - a. What the nature and scope of these investigations will be;
 - b. The contractors or other persons that will undertake these investigations;
 - c. The purpose of the investigations;
 - d. The dates when such investigations will take place and be completed; and,
 - e. Where on the Site such investigations will take place.
- 21. If any of the documents solicited in this information request are no longer available, please indicate the reason why they are no longer available. If the records were destroyed, provide us with the following:
 - a. the document retention policy;
 - b. a description of how the records were destroyed (burned, trashed, etc.) and the approximate date of destruction;
 - c. a description of the type of information that would have been contained in the documents;
 - d. the name, job title and most current address known by you of the person(s) who would have produced these documents, the person(s) who would have been responsible for the retention of these documents; the person(s) who would have been responsible for the destruction of these documents; and the person(s) who had and/or still may have the originals or copies of these documents; and,
 - e. the names and most current address of any person(s) who may possess documents relevant to this inquiry.

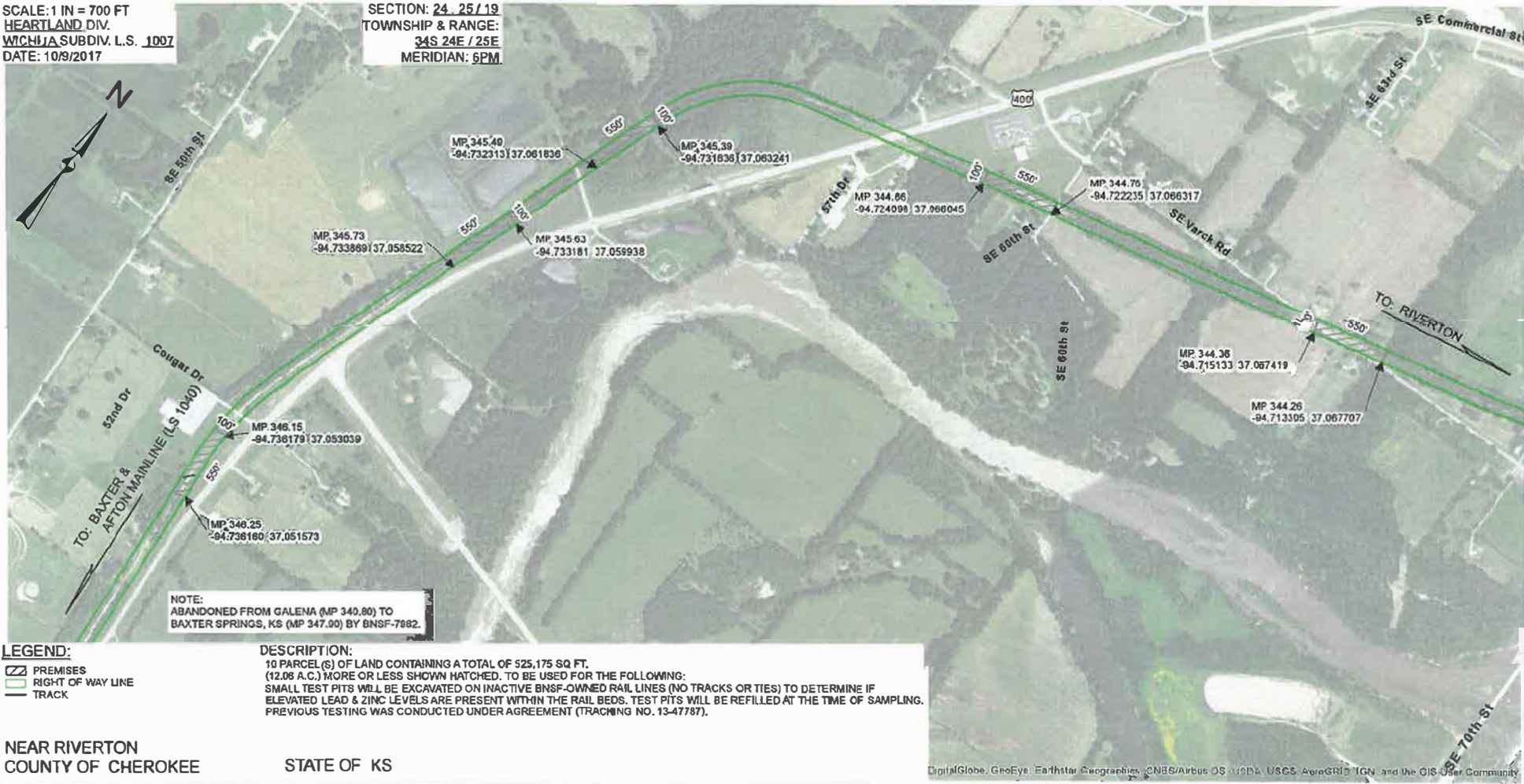
22. Identify all companies, firms, facilities and individuals from whom BNSF obtained, or who supplied materials containing any hazardous substances for disposal at the Property.
23. Identify all companies or persons whose chemicals, hazardous wastes, hazardous substances or other materials have been treated, stored, or disposed of at the Property include information regarding the following:
 - a. Location and address of each such company or person who sent such materials, including contact person(s) within said companies;
 - b. Shipping records pertaining to such materials sent by each such company or person, including but not limited to invoices, bills of lading, weight tickets, and purchase orders; and,
 - c. Identification and location of all companies and individuals who transported said materials.
24. Identify any and all companies, firms, facilities and individuals from whom BNSF has obtained information related to such entities' potential CERCLA liability for the Property, including but not limited to former owners, former operators, arrangers or transporters of hazardous substances, waste materials at the Property. Include information regarding
 - a. Locations of such other entities' ownership, operation, arrangement or transportation of any hazardous substances;
 - b. Any records, documents pertaining to such materials and other entities; and,
 - c. Identification and location of such companies, firms, facilities and individuals.
25. Identify any and all companies, firms, facilities and individuals for whom BNSF has any information related to such entities' operations/ownership or former operations/ownership of any rail road lines or corridors located within the Site. See map of RR lines and corridors subject to remedial action under the selected remedy for the OU8 ROD (2016).

EXHIBIT "A"
ATTACHED TO CONTRACT BETWEEN
BNSF RAILWAY COMPANY
AND

THE US ENVIRONMENTAL PROTECTION AGENCY (USEPA)

SCALE: 1 IN = 700 FT
HEARTLAND DIV.
WICHITA SUBDIV. L.S. 1007
DATE: 10/9/2017

SECTION: 24, 25 / 19
TOWNSHIP & RANGE:
34S 24E / 25E
MERIDIAN: 6PM



NEAR RIVERTON
COUNTY OF CHEROKEE

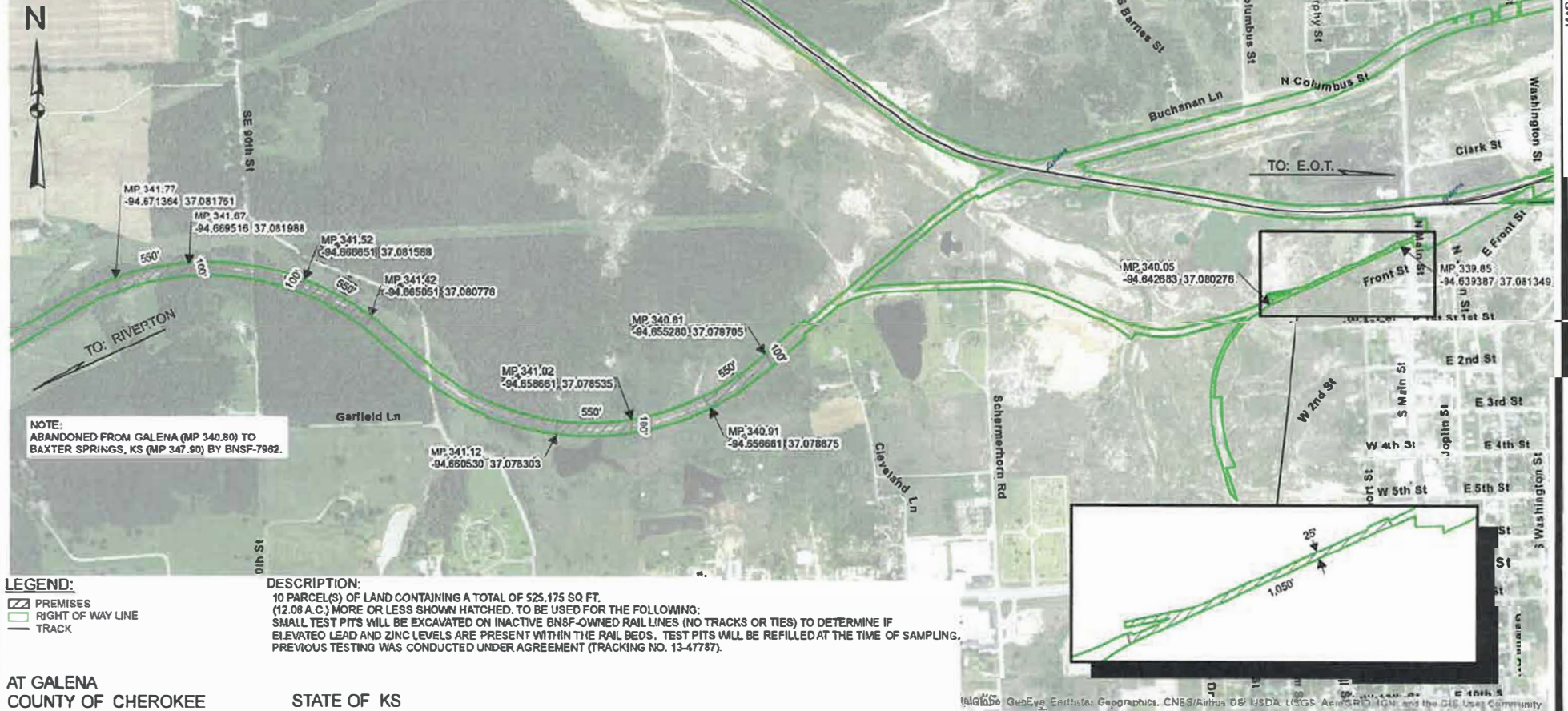
STATE OF KS

EXHIBIT "A"
ATTACHED TO CONTRACT BETWEEN
BNSF RAILWAY COMPANY
AND

THE US ENVIRONMENTAL PROTECTION AGENCY (USEPA)

SCALE: 1 IN = 700 FT
HEARTLAND DIV.
WICHITA SUBDIV. L.S. 1007
DATE: 10/9/2017

SECTION: 14, 15, 16
TOWNSHIP & RANGE:
34S 25E
MERIDIAN: 6PM



Itemized Cost Summary

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

REGIONAL PAYROLL COSTS	\$62,761.64
HEADQUARTERS PAYROLL COSTS	\$201.49
REGIONAL TRAVEL COSTS	\$3,546.28
ANALYTICAL SUPPORT SERVICES	
SRC, INC. (EPS71205)	\$45,438.01
ENFORCEMENT SUPPORT SERVICES (ESS) CONTRACTS	
ENSOFTEK (ENSOFTEKCMJ JV2) (EPR71403)	\$509.88
ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACTS	
ALION SCIENCE TECH. CORP (EPW06019)	\$1,790.65
ALION SCIENCE AND TECHNOLOGY CORPORATION (EPW13027)	\$15,782.39
GENERAL OFFICE & ADMIN SUPPORT	
CHENEGA LOGISTICS, LLC (EPR71104)	\$270.47
START CONTRACTS (STR)	
COMPUTER SCIENCES CORPORATION (EPW14004)	\$89.48
TECHNICAL SERVICES & SUPPORT	
COMPUTER SCIENCES CORPORATION (EPW06046)	\$879.37
TECHNICAL SUPPORT CONTRACTS	
HYDROGEOLOGIC, INC. (EPS70505)	\$443,610.19
CONTRACT LAB PROGRAM (CLP) COSTS	
FINANCIAL COST SUMMARY	\$6,936.58
MISCELLANEOUS COSTS (MIS)	\$247.50

Itemized Cost Summary

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

EPA INDIRECT COSTS	\$261,408.99
Total Site Costs:	<u>\$843,472.92</u>

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
BURNETT, BRYANT	2014	SP	4.00	318.28
ENVIRONMENTAL SCIENTIST	2015	DE	2.75	211.71
		FB	1.00	85.60
		NO	2.25	181.15
		OC	6.50	505.41
			<u>16.50</u>	<u>\$1,302.15</u>
CAMPBELL, TODD	2014	26	14.00	875.24
ON SCENE COORDINATOR	2015	04	2.00	129.57
		05	22.00	1,425.12
		06	4.50	291.51
		07	1.00	64.79
		09	2.00	142.71
		10	15.00	984.07
		11	4.00	262.41
		12	8.50	557.66
		13	4.00	262.42
		14	14.75	971.52
	2016	11	5.00	335.41
		21	6.00	379.24
	2017	13	13.00	858.52
		14	15.00	991.02
	2018	02	3.00	210.02
			<u>133.75</u>	<u>\$8,741.23</u>
CLAYCAMP, ALISHA	2014	09	0.50	18.44
Physical Science Technician	2015	03	0.50	23.59
	2018	05	0.50	27.06
		12	3.00	165.55
			<u>4.50</u>	<u>\$234.64</u>
DAWANI, KARIM	2015	22	3.00	151.93
MANAGEMENT AND PROGRAM ANALYST			<u>3.00</u>	<u>\$151.93</u>
DICKERSON, SHANEKA	2013	19	6.00	209.55
FILE CLERK		21	3.00	104.42

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
DICKERSON, SHANEKA	2014	13	2.00	72.62
		27	2.75	103.01
			<u>13.75</u>	<u>\$489.60</u>
DRAKE, KENNETH	2013	18	1.00	66.79
GEOLOGIST (RPM)		19	1.00	69.51
		20	2.00	141.76
		22	2.00	141.76
		23	2.00	141.76
	2014	02	1.00	70.89
		03	3.00	212.65
		25	1.00	71.69
	2015	06	1.00	72.24
			<u>14.00</u>	<u>\$989.05</u>
EVANS, BARRY	2013	19	0.25	15.56
CHEMIST		20	0.75	47.69
		21	0.75	46.73
		22	0.25	15.82
	2014	08	0.50	31.78
		10	0.50	32.10
		27	3.00	192.63
			<u>6.00</u>	<u>\$382.31</u>
FRIES, HARVEY	2018	04	1.00	55.44
Chemist			<u>1.00</u>	<u>\$55.44</u>
FRITZ, KONI	2017	12	4.00	239.97
CONTRACT SPECIALIST		13	1.00	60.00
			<u>5.00</u>	<u>\$299.97</u>
HAGENMAIER, ELIZABETH	2012	20	11.00	255.10
REMEDIAL PROJECT MANAGER		22	14.00	324.69
	2013	02	2.50	70.93
		03	3.00	85.11
		04	8.00	226.97

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HAGENMAIER, ELIZABETH	2013	05	2.00	56.73
		08	1.00	28.38
		09	3.00	90.42
		10	3.50	106.28
		11	1.50	45.20
		12	20.50	617.86
		13	10.50	316.46
		14	4.00	120.56
		15	12.25	369.21
		16	26.00	776.38
		17	32.00	946.62
		18	15.00	435.34
		19	31.50	940.61
		20	9.00	266.86
		21	9.00	266.23
		22	33.50	1,009.69
		23	6.50	195.91
		24	19.50	587.72
		25	11.50	346.60
		26	10.50	316.46
	2014	02	13.00	469.18
		03	23.00	830.08
		04	26.50	956.38
		05	19.50	703.76
		06	35.00	1,263.15
		07	14.50	523.32
		08	6.00	216.54
		09	9.00	328.64
		10	29.00	1,058.92
		11	6.00	219.11
		12	5.00	182.58
		13	8.50	310.38
		14	5.50	200.83
		15	30.50	1,113.72
		16	10.50	383.41
		17	3.00	110.22

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HAGENMAIER, ELIZABETH	2014	18	3.50	130.45
		19	3.00	110.46
		20	2.00	75.78
		22	2.00	72.48
		25	12.00	437.53
		26	34.75	1,256.98
		27	19.25	700.05
	2015	01	3.50	124.40
		02	7.75	337.07
		03	7.50	319.58
		04	4.25	184.55
		05	1.75	76.14
		06	19.00	832.86
		07	11.50	504.11
		08	1.25	54.98
		09	1.50	66.90
		11	1.50	67.04
		12	9.00	399.62
		14	6.50	290.54
		26	3.50	156.44
		27	1.00	44.71
	2016	08	4.00	196.41
		09	1.50	75.72
		10	0.50	25.24
		11	0.50	25.24
		12	1.00	48.19
		13	1.50	75.72
		18	1.50	75.12
		19	2.00	100.96
		21	7.50	382.22
		22	6.50	325.48
		23	20.00	1,009.67
		24	30.00	1,501.91
		25	4.00	201.94
		26	11.50	580.71
		27	11.50	580.56

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HAGENMAIER, ELIZABETH	2017	04	2.00	114.40
		06	8.00	457.62
		07	3.00	171.59
		09	4.00	233.67
		10	4.00	233.65
		12	4.50	262.88
		13	0.50	29.20
		15	1.50	87.62
		16	5.50	321.27
		18	1.00	58.41
		20	6.00	348.19
	2018	02	4.00	240.68
		09	0.50	30.68
			849.25	\$31,710.16
HARRIS, DIANE	2014	14	4.00	262.13
ENVIRONMENTAL PROTECTION SPECIALIST	2017	20	3.75	260.17
			7.75	\$522.30
HAYS, MARILYN	2016	22	0.50	18.27
Secretary (Oa)			0.50	\$18.27
JORDI, DANELL	2017	21	0.50	16.54
Secretary (Oa)			0.50	\$16.54
KIMBALL, LORRAINE	2018	12	0.50	31.01
CHEMIST			0.50	\$31.01
KLOECKNER, ELIZABETH	2018	08	5.50	449.14
ATTORNEY		09	1.50	122.50
		13	1.00	81.67
			8.00	\$653.31
LAW, PRESTON	2016	22	10.75	714.91

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
FED. FACILITIES & POST CONS. LEAD	2016	23	1.00	66.50
		26	5.50	342.66
			<u>17.25</u>	<u>\$1,124.07</u>
MADDEN, VENESSA	2013	15	1.00	62.00
ECOLOGIST		21	12.00	728.37
	2014	15	15.00	942.73
		18	24.00	1,508.39
		19	23.00	1,445.52
		20	30.00	1,885.48
	2015	06	3.00	195.40
	2016	09	3.00	206.78
		20	4.00	275.72
			<u>115.00</u>	<u>\$7,250.39</u>
MAYNARD, KATHRYN	2017	12	1.00	24.43
STUDENT TRAINEE (ENV ENGINEERING)			<u>1.00</u>	<u>\$24.43</u>
NICHOLS, ROBERT	2014	16	0.25	18.37
ENVIRONMENTAL SCIENTIST		17	0.75	55.03
	2015	03	1.25	92.60
			<u>2.25</u>	<u>\$166.00</u>
PETERSON, MARY	2015	22	0.50	38.60
ENVIRONMENTAL ENGINEER (RPM)			<u>0.50</u>	<u>\$38.60</u>
PHILLIPS, TODD	2013	15	4.00	241.83
BIOLOGIST		16	7.50	453.42
		17	2.00	118.72
		18	0.75	43.71
	2014	03	1.00	60.46
		20	9.00	559.14
		24	2.50	152.93
		25	1.75	107.05
	2015	06	2.25	138.95

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
PHILLIPS, TODD	2015	14	8.25	568.05
	2016	06	13.25	852.77
		08	5.25	337.89
		20	3.50	229.53
			<u>61.00</u>	<u>\$3,864.45</u>
PORTER, SAMUEL	2014	17	0.50	21.87
Physical Science Aid			<u>0.50</u>	<u>\$21.87</u>
ROBICHAUD, JEFFERY	2014	14	0.50	41.53
ENVIRONMENTAL ENGINEER			<u>0.50</u>	<u>\$41.53</u>
ROBLEZ, NICOLE	2013	15	4.00	231.98
ENVIRONMENTAL PROTECTION SPECIALIST		17	1.00	57.13
		19	6.00	342.67
	2014	13	1.00	58.69
		15	1.00	58.69
		16	2.00	117.38
		17	1.00	58.69
		18	1.00	58.69
		24	3.00	176.07
		25	1.00	58.69
		27	1.00	58.68
	2015	03	1.00	59.25
	2017	21	1.00	61.53
		23	2.00	123.04
	2018	04	1.00	61.79
		11	1.00	62.92
		12	1.00	62.92
			<u>29.00</u>	<u>\$1,708.81</u>
SAMEK, PAMELA	2013	21	0.25	12.51
ENVIRONMENTAL PROTECTION SPECIALIST			<u>0.25</u>	<u>\$12.51</u>

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
SCHREINER, AMIA	2015	26	1.00	32.16
ENVIRONMENTAL PROTECTION SPECIALIST	2016	20	2.00	71.94
		23	2.00	71.94
		24	8.50	301.75
		25	2.00	71.24
		27	8.00	286.10
			<u>23.50</u>	<u>\$835.13</u>
SEILER, JAMES	2013	18	0.50	32.15
REMEDIAL PROJECT MANAGER		20	0.50	32.77
		22	1.25	80.59
		24	1.75	114.67
			<u>4.00</u>	<u>\$260.18</u>
ST. GERMAIN, MARGARET	2018	12	1.00	92.27
CHEMIST			<u>1.00</u>	<u>\$92.27</u>
STINE, KRISTINA	2013	21	0.25	8.06
Secretary (Oa)			<u>0.25</u>	<u>\$8.06</u>
TATA, ANTHONY	2017	23	8.00	392.47
CHEMIST	2018	12	12.00	600.58
			<u>20.00</u>	<u>\$993.05</u>
VELASQUEZ, ISABEL	2018	04	10.00	631.68
ENVIRONMENTAL PROTECTION ASSISTANT			<u>10.00</u>	<u>\$631.68</u>
WATTERSON, SARAH	2017	20	1.25	41.38
SECRETARY (OA)			<u>1.25</u>	<u>\$41.38</u>
WERT, CORAL	2018	13	0.25	17.97
INDUSTRIAL HYGIENE AND SAFETY MANAGER			<u>0.25</u>	<u>\$17.97</u>

Regional Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
WILSON, DAVID	2014	17	0.50	18.20
Physical Science Technician	2018	03	0.25	13.15
			0.75	\$31.35
Total Regional Payroll Costs			1,352.25	\$62,761.64

Headquarters Payroll Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
KELLER, MELANIE	2016	26	2.00	134.32
Environmental Protection Specialist		27	1.00	67.17
			3.00	\$201.49
Total Headquarters Payroll Costs			3.00	\$201.49

Regional Travel Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>
BANK ONE	TAA03EFB	AVC160252	09/09/2016	14.75
				<u>\$14.75</u>
BONNEY, CONRAD	TAA03EFB	AMP160223	08/24/2016	169.48
Student Trainee (Env Engineering)				<u>\$169.48</u>
CAMPBELL, TODD	TAA004V4	AMP150001	10/01/2014	69.00
ON SCENE COORDINATOR	TAA004V4	AVC150002	10/02/2014	14.75
	TAA00J9T	AVC150053	12/15/2014	14.75
	TAA00J9T	AMP150052	12/15/2014	115.00
				<u>\$213.50</u>
DRAKE, KENNETH	0TJIMW	AMP130239	09/10/2013	18.82
GEOLOGIST (RPM)	0TJIMW	AVC130264	09/10/2013	81.40
				<u>\$100.22</u>
HAGENMAIER, ELIZABETH	0T7J9P	AMP130117	03/18/2013	69.00
REMEDIAL PROJECT MANAGER	0T7J9P	AVC130137	03/18/2013	95.44
	0TBPZE	AMP130161	05/17/2013	161.00
	0TBPZE	AVC130182	05/17/2013	256.32
	0TD9BW	AVC130197	06/10/2013	175.88
	0TD9BW	AMP130175	06/10/2013	115.00
	0TD9DF	AVC130206	06/20/2013	256.32
	0TD9DF	AMP130183	06/20/2013	161.00
	0TI8AQ	AMP130209	07/30/2013	69.00
	0TI8AQ	AVC130232	07/30/2013	95.44
	0TPHGR	AMP140047	12/20/2013	115.00
	0TPHGR	AVC140056	12/20/2013	204.67

Regional Travel Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>
HAGENMAIER, ELIZABETH	0TX35W	AVC140145	04/29/2014	194.05
	0TX35W	AMP140135	04/29/2014	16.94
	TAA002S8	AMP140258	09/30/2014	115.00
	TAA002S8	AVC140326	09/30/2014	201.41
	TAA03DTJ	AMP160224	08/25/2016	76.50
	TAA03DTJ	AVC160239	08/25/2016	107.73
				<hr/> \$2,485.70
MADDEN, VENESSA	0TJK4G	AVC130260	09/04/2013	95.44
ECOLOGIST	0TJK4G	AMP130235	09/04/2013	69.00
	0TX7TD	AVC140155	05/13/2014	189.76
	0TX7TD	AMP140145	05/13/2014	16.94
				<hr/> \$371.14
RICHARDS, ROBERT	TAA03E8X	AMP160237	09/13/2016	76.50
GENERAL ATTORNEY	TAA03E8X	AVC160254	09/13/2016	114.99
				<hr/> \$191.49
Total Regional Travel Costs				<hr/> <hr/> \$3,546.28

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ANALYTICAL SUPPORT SERVICES

Contractor Name: SRC, INC.

EPA Contract Number: EPS71205

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	3	08/01/2013	05/31/2015

Project Officer(s): DORSEY, DEBRA
HAGENMAIER, ELIZABETH

Dates of Service: From: 08/01/2013 To: 05/31/2015

Summary of Service: TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Total Costs: \$45,438.01

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
2	09/06/2013	117.47	AVC130279 09/27/2013	117.47
3	10/08/2013	986.00	AVC140019 11/01/2013	986.00
4	11/11/2013	39.16	AVC140040 11/27/2013	39.16
5	12/06/2013	39.16	AVC140066 01/07/2014	39.16
6	01/08/2014	39.16	AVC140084 02/03/2014	39.16
7	02/08/2014	379.06	AVC140104 03/04/2014	379.06
8	03/10/2014	2,156.71	AVC140124 03/31/2014	2,156.71
9	04/08/2014	516.63	AVC140148 05/02/2014	516.63
10	05/08/2014	4,179.94	AVC140169 05/29/2014	4,179.94
11	06/05/2014	2,995.45	AVC140191 06/27/2014	2,995.45
12	07/08/2014	5,932.20	AVC140212 07/28/2014	5,932.20
13	08/02/2014	1,813.07	AVC140303 09/02/2014	1,813.07
14	09/09/2014	1,991.32	AVC140324 09/26/2014	1,991.32
15	10/09/2014	827.80	AVC150019 10/28/2014	827.80
16	11/05/2014	78.31	AVC150042 11/28/2014	78.31
17	12/05/2014	1,245.54	AVC150064 12/30/2014	1,245.54
18	01/08/2015	4,935.02	AVC150082 01/27/2015	4,935.02
19	02/07/2015	5,534.76	AVC150111 03/10/2015	5,534.76
20	03/06/2015	7,261.36	AVC150124 03/27/2015	7,261.36
21	04/08/2015	1,149.77	AVC150151 05/05/2015	1,149.77
22	05/07/2015	2,158.18	AVC150188 06/25/2015	2,157.16
23	06/08/2015	976.73	AVC150189 06/26/2015	976.73
24	10/09/2015	87.35	AVC160025 11/05/2015	87.35

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ANALYTICAL SUPPORT SERVICES

Contractor Name: SRC, INC.

EPA Contract Number: EPS71205

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	3	08/01/2013	05/31/2015

Project Officer(s): DORSEY, DEBRA
HAGENMAIER, ELIZABETH

Dates of Service: From: 08/01/2013 To: 05/31/2015

Summary of Service: TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Total Costs: \$45,438.01

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
25	11/04/2016	-1.12	11/18/2016	-1.12
			Total:	<u><u>\$45,438.01</u></u>

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ENFORCEMENT SUPPORT SERVICES (ESS) CONTRACTS

Contractor Name: ENSOFTEK (ENSOFTEKCMJ JV2)

EPA Contract Number: EPR71403

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	2	09/26/2014	01/31/2018

Project Officer(s): DRENNEN, MICHELE
YOCUM, MELISSA

Dates of Service: From: 09/26/2014 To: 01/31/2018

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: \$509.88

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
1R	01/21/2015	17,607.05	AVC150099 02/20/2015	6.40
2R	02/16/2015	25,741.10	AVC150111 03/10/2015	6.40
4	04/13/2015	33,003.62	AVC150144 04/24/2015	6.40
8	07/16/2015	46,058.63	AVC150211 07/29/2015	6.40
9	08/10/2015	44,609.50	AVC150230 08/25/2015	19.20
10	09/03/2015	44,484.15	AVC150246 09/17/2015	19.20
11	10/09/2015	42,554.10	AVC160017 10/26/2015	6.40
16	02/08/2016	41,631.37	AVC160118 03/17/2016	25.85
21	07/11/2016	43,249.81	AVC160215 07/22/2016	6.46
22	08/08/2016	38,319.08	AVC160235 08/19/2016	25.85
23	09/13/2016	45,213.95	AVC160263 09/27/2016	12.93
24	10/10/2016	39,596.48	AVC170016 10/24/2016	71.09
26	12/07/2016	37,108.25	AVC170069 12/20/2016	19.39
29	02/13/2017	56,680.31	AVC170117 02/27/2017	12.93
34	07/15/2017	66,427.79	AVC170227 07/28/2017	12.93
37	10/12/2017	59,455.91	AVC180022 10/26/2017	90.48
38	11/15/2017	61,217.12	AVC180049 11/29/2017	38.78
39	12/04/2017	44,093.91	AVC180073 12/20/2017	6.46
40R	01/08/2018	11,005.72	AVC180107 01/24/2018	25.85
41	01/11/2018	56,110.62	AVC180107 01/24/2018	64.63
42	02/07/2018	59,481.62	AVC180130 02/22/2018	25.85
Total:				<u><u>\$509.88</u></u>

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACTS

Contractor Name: ALION SCIENCE TECH. CORP

EPA Contract Number: EPW06019

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	21	04/27/2013	08/02/2013

Project Officer(s): EVANS, BARRY

Dates of Service: From: 04/27/2013 To: 08/02/2013

Summary of Service: ENVIRON SERVICES ASSIST TEAMS(SUB-REDI)

Total Costs: \$1,790.65

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>Annual Allocation</u>
15-320252	06/06/2013	84,967.86	AVC130208 06/24/2013	65.12	16.82
16-321044	07/03/2013	78,641.01	AVC130240 08/07/2013	897.63	231.80
17-322163	08/07/2013	86,311.72	AVC130256 08/28/2013	460.39	118.89
Total:				<u>\$1,423.14</u>	<u>\$367.51</u>

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACTS

Contractor Name: ALION SCIENCE TECH. CORP
EPA Contract Number: EPW06019
Delivery Order Information DO # Start Date End Date
21 04/27/2013 08/02/2013
Project Officer(s): EVANS, BARRY
Dates of Service: From: 04/27/2013 To: 08/02/2013
Summary of Service: ENVIRON SERVICES ASSIST TEAMS(SUB-REDI)
Total Costs: \$1,790.65

<u>Voucher Number</u>	<u>Schedule Number</u>	<u>Rate Type</u>	Annual <u>Allocation Rate</u>
15-320252	AVC130208	Provisional	0.258232
16-321044	AVC130240	Provisional	0.258232
17-322163	AVC130256	Provisional	0.258232

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACTS

Contractor Name: ALION SCIENCE AND TECHNOLOGY CORPORATION

EPA Contract Number: EPW13027

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	2	11/30/2013	03/31/2018

Project Officer(s): EVANS, BARRY

Dates of Service: From: 11/30/2013 To: 03/31/2018

Summary of Service: ENVIRON SERVICES ASSIST TEAMS(SUB-REDI)

Total Costs: \$15,782.39

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>Annual Allocation</u>
4	01/21/2014	72,819.92	AVC140092 02/13/2014	317.30	139.75
5	02/18/2014	80,037.66	AVC140110 03/12/2014	435.74	191.92
9-329783	06/12/2014	61,706.34	AVC140195 07/03/2014	2,255.13	993.25
14-333350	10/27/2014	80,952.20	AVC150031 11/12/2014	2,125.44	936.13
15-333904	11/13/2014	83,179.46	AVC150041 11/26/2014	5,381.76	2,132.36
21-337401	04/13/2015	78,813.08	AVC150144 04/24/2015	59.72	23.66
22-338164	05/15/2015	68,604.48	AVC150168 05/29/2015	59.72	23.66
26-341945	09/17/2015	75,770.09	AVC160009 10/14/2015	119.44	47.32
57-358263	03/13/2018	26,785.08	AVC180159 03/28/2018	153.24	65.90
58-358784	04/10/2018	29,622.80	AVC180192 04/23/2018	224.44	96.51
Total:				<u>\$11,131.93</u>	<u>\$4,650.46</u>

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

ENVIRONMENTAL SERVICES ASSISTANCE TEAMS (ESAT) CONTRACTS

Contractor Name: ALION SCIENCE AND TECHNOLOGY CORPORATION

EPA Contract Number: EPW13027

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	2	11/30/2013	03/31/2018

Project Officer(s): EVANS, BARRY

Dates of Service: From: 11/30/2013 To: 03/31/2018

Summary of Service: ENVIRON SERVICES ASSIST TEAMS(SUB-REDI)

Total Costs: \$15,782.39

<u>Voucher Number</u>	<u>Schedule Number</u>	<u>Rate Type</u>	Annual <u>Allocation Rate</u>
4	AVC140092	Final	0.440442
5	AVC140110	Final	0.440442
9-329783	AVC140195	Final	0.440442
14-333350	AVC150031	Final	0.440442
15-333904	AVC150041	Final	0.396220
21-337401	AVC150144	Final	0.396220
22-338164	AVC150168	Final	0.396220
26-341945	AVC160009	Final	0.396220
57-358263	AVC180159	Provisional	0.430024
58-358784	AVC180192	Provisional	0.430024

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

GENERAL OFFICE & ADMIN SUPPORT

Contractor Name: CHENEGA LOGISTICS, LLC

EPA Contract Number: EPR71104

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	2	09/01/2013	10/27/2014

Project Officer(s): FIELD, JEFFREY
HOUSTON, PAMELA
KIESLICH, JOLLEEN

Dates of Service: From: 09/01/2013 To: 10/27/2014

Summary of Service: ADMINISTRATIVE SUPPORT SERVICES

Total Costs: \$270.47

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
190848	10/10/2013	84,162.87	AVC140028 11/13/2013	23.96
196101	11/21/2013	42,699.77	AVC140045 12/05/2013	6.85
197334	12/11/2013	75,133.79	AVC140064 01/03/2014	41.09
200079	01/13/2014	72,211.73	AVC140086 02/05/2014	3.42
203110	02/12/2014	77,085.37	AVC140110 03/12/2014	20.54
207265	03/10/2014	70,280.80	AVC140129 04/07/2014	6.85
216744	04/15/2014	65,654.11	AVC140148 05/02/2014	51.36
219419	05/13/2014	86,220.85	AVC140169 05/29/2014	37.66
223454	06/11/2014	79,606.98	AVC140193 07/01/2014	13.69
234482	08/12/2014	79,421.81	AVC140307 09/04/2014	51.36
246251	10/27/2014	71,273.80	AVC150067 01/05/2015	13.69
Total:				<u>\$270.47</u>

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

START CONTRACTS (STR)

Contractor Name: COMPUTER SCIENCES CORPORATION
EPA Contract Number: EPW14004
Project Officer(s): TAYLOR, LUCINDA
Dates of Service: From: 03/29/2014 To: 04/03/2015
Summary of Service: S/F TECH ASSESSMENT&RESPONSE TEAM (REDI)
Total Costs: \$89.48

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>Annual Allocation</u>
4969.0-002	05/09/2014	855,920.24	AVC140166 05/27/2014	36.42	51.38
69-27RAFY15	04/28/2016	173,102.77	AVC160172 05/23/2016	0.79	0.89
Total:				\$37.21	\$52.27

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

START CONTRACTS (STR)

Contractor Name: COMPUTER SCIENCES CORPORATION
EPA Contract Number: EPW14004
Project Officer(s): TAYLOR, LUCINDA
Dates of Service: From: 03/29/2014 To: 04/03/2015
Summary of Service: S/F TECH ASSESSMENT&RESPONSE TEAM (REDI)
Total Costs: \$89.48

<u>Voucher Number</u>	<u>Schedule Number</u>	<u>Rate Type</u>	<u>Annual Allocation Rate</u>
4969.0-002	AVC140166	Final	1.410869
69-27RAFY15	AVC160172	Provisional	1.128695

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

TECHNICAL SERVICES & SUPPORT

Contractor Name: COMPUTER SCIENCES CORPORATION

EPA Contract Number: EPW06046

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	1	03/30/2013	03/19/2014

Project Officer(s): TAYLOR, LUCINDA

Dates of Service: From: 03/30/2013 To: 03/19/2014

Summary of Service: TECHNICAL SERVICES AND SUPPORT

Total Costs: \$879.37

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>Annual Allocation</u>
4791.3-014	07/08/2013	1,026,196.14	AVC130237 08/05/2013	201.50	350.19
4791.3-0016	08/05/2013	777,016.37	AVC130268 09/13/2013	44.70	77.69
4791.3-0018	10/03/2013	1,069,335.45	AVC140025 11/07/2013	-0.11	-0.19
791.3-0022R	01/06/2014	715,167.07	AVC140084 02/03/2014	76.42	132.81
91-21RAFY14	01/02/2014	-273,598.26	AVC140100 02/26/2014	-6.66	-11.57
3-028RAFY14	08/12/2014	184,829.66	AVC140307 09/04/2014	5.33	9.26
Total:				\$321.18	\$558.19

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

TECHNICAL SERVICES & SUPPORT

Contractor Name: COMPUTER SCIENCES CORPORATION

EPA Contract Number: EPW06046

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	1	03/30/2013	03/19/2014

Project Officer(s): TAYLOR, LUCINDA

Dates of Service: From: 03/30/2013 To: 03/19/2014

Summary of Service: TECHNICAL SERVICES AND SUPPORT

Total Costs: \$879.37

<u>Voucher Number</u>	<u>Schedule Number</u>	<u>Rate Type</u>	Annual <u>Allocation Rate</u>
4791.3-014	AVC130237	Final	1.737940
4791.3-0016	AVC130268	Final	1.737940
4791.3-0018	AVC140025	Final	1.737940
791.3-0022R	AVC140084	Final	1.737940
91-21RAFY14	AVC140100	Final	1.737940
3-028RAFY14	AVC140307	Final	1.737940

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

TECHNICAL SUPPORT CONTRACTS

Contractor Name: HYDROGEOLOGIC, INC.

EPA Contract Number: EPS70505

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	61	02/06/2013	02/28/2017
	73	02/15/2017	04/30/2018

Project Officer(s):
 BURNETT, BRYANT
 HAGENMAIER, ELIZABETH
 MCLARTY, CODY
 SEILER, JAMES
 VANN, BRADLEY

Dates of Service: From: 02/06/2013 To: 04/30/2018

Summary of Service: RESPONSE ACTION CONTRACT-SUBCLASS(REDI)

Total Costs: \$443,610.19

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
61-001	03/15/2013	6,079.70	AVC130148 04/02/2013	6,079.70
61-002	04/15/2013	14,051.44	AVC130168 04/30/2013	14,051.44
61-003	05/15/2013	9,064.85	AVC130190 05/31/2013	9,064.85
61-004	06/15/2013	24,198.41	AVC130212 06/28/2013	24,198.41
61-005	07/15/2013	10,262.00	AVC130244 08/13/2013	10,262.00
61-006	08/15/2013	4,189.65	AVC130257 08/29/2013	4,189.65
61-007	09/13/2013	2,178.70	AVC130279 09/27/2013	2,178.70
61-008	10/15/2013	357.95	AVC140017 10/30/2013	357.95
61-009	11/15/2013	1,565.04	AVC140041 11/29/2013	1,565.04
61-010	12/15/2013	3,791.20	AVC140068 01/09/2014	3,791.20
61-011	01/15/2014	14,630.67	AVC140081 01/29/2014	14,630.67
61-012	02/15/2014	2,554.38	AVC140107 03/07/2014	2,554.38
61-013	03/14/2014	3,694.81	AVC140123 03/28/2014	3,694.81
61-014	04/15/2014	4,322.81	AVC140147 05/01/2014	4,322.81
61-015	05/14/2014	1,409.49	AVC140169 05/29/2014	1,409.49
61-016	06/15/2014	2,936.32	AVC140191 06/27/2014	2,936.32
61-017	01/15/2015	426.85	AVC150092 02/10/2015	426.85
61-018	02/13/2015	640.15	AVC150107 03/04/2015	640.15
61-019	08/14/2015	2,235.76	AVC150235 09/01/2015	2,235.76
61-020	09/15/2015	17,539.32	AVC150254 09/29/2015	17,539.32
61-021	10/15/2015	4,548.50	AVC160025 11/05/2015	4,548.50
61-022	11/16/2015	1,072.83	AVC160047 12/07/2015	1,072.83

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

TECHNICAL SUPPORT CONTRACTS

Contractor Name: HYDROGEOLOGIC, INC.

EPA Contract Number: EPS70505

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	61	02/06/2013	02/28/2017
	73	02/15/2017	04/30/2018

Project Officer(s):
BURNETT, BRYANT
HAGENMAIER, ELIZABETH
MCLARTY, CODY
SEILER, JAMES
VANN, BRADLEY

Dates of Service: From: 02/06/2013 To: 04/30/2018

Summary of Service: RESPONSE ACTION CONTRACT-SUBCLASS(REDI)

Total Costs: \$443,610.19

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
61-023	12/15/2015	1,042.28	AVC160068 01/07/2016	1,042.28
61-024	01/15/2016	671.53	AVC160085 02/01/2016	671.53
61-025	02/16/2016	1,310.12	AVC160114 03/14/2016	1,310.12
61-026	03/15/2016	3,787.35	AVC160140 04/07/2016	3,787.35
61-027	04/15/2016	5,831.69	AVC160174 05/25/2016	5,828.86
61-028	05/13/2016	12,606.16	AVC160175 05/26/2016	12,606.16
61-029	06/15/2016	15,909.85	AVC160200 06/30/2016	15,909.85
61-030	07/15/2016	5,610.21	AVC160222 08/02/2016	5,610.21
61-031	08/15/2016	7,459.28	AVC160252 09/09/2016	7,459.28
61-032	09/15/2016	7,635.77	AVC160266 09/29/2016	7,635.77
61-033	10/15/2016	1,626.77	AVC170021 10/27/2016	1,626.77
61-034	11/15/2016	1,549.49	AVC170047 11/30/2016	1,549.49
61-035	12/15/2016	1,239.44	AVC170076 12/28/2016	1,239.44
61-036	01/13/2017	1,770.12	AVC170096 01/27/2017	1,770.12
61-037	02/15/2017	1,781.14	AVC170122 03/06/2017	1,781.14
61-038	03/15/2017	2,025.41	AVC170139 03/28/2017	2,025.41
73-001	04/14/2017	48,210.18	AVC170164 04/28/2017	48,210.18
73-002	05/15/2017	39,930.19	AVC170191 06/07/2017	39,930.19
73-003	06/15/2017	5,121.09	AVC170208 06/30/2017	5,121.09
73-004	07/15/2017	38,389.79	AVC170231 08/03/2017	38,389.79
73-005	08/15/2017	7,158.74	AVC170249 08/28/2017	7,158.74
73-006	09/15/2017	28,326.42	AVC170275 09/28/2017	28,326.42

Contract Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

TECHNICAL SUPPORT CONTRACTS

Contractor Name: HYDROGEOLOGIC, INC.

EPA Contract Number: EPS70505

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	61	02/06/2013	02/28/2017
	73	02/15/2017	04/30/2018

Project Officer(s): BURNETT, BRYANT
HAGENMAIER, ELIZABETH
MCLARTY, CODY
SEILER, JAMES
VANN, BRADLEY

Dates of Service: From: 02/06/2013 To: 04/30/2018

Summary of Service: RESPONSE ACTION CONTRACT-SUBCLASS(REDI)

Total Costs: \$443,610.19

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
73-007	10/15/2017	20,621.36	AVC180024 10/30/2017	20,621.36
73-008	11/15/2017	10,629.50	AVC180049 11/29/2017	10,629.50
73-009	12/15/2017	13,408.74	AVC180088 01/02/2018	13,408.74
73-010	01/15/2018	5,959.08	AVC180109 01/26/2018	5,959.08
73-011	02/15/2018	3,145.32	AVC180137 02/28/2018	3,145.32
73-012	03/15/2018	9,697.56	AVC180159 03/28/2018	9,697.56
73-013	04/15/2018	4,815.14	AVC180202 05/02/2018	4,815.14
73-014	05/15/2018	4,592.47	AVC180222 05/29/2018	4,592.47
Total:				<u>\$443,610.19</u>

Financial Cost Summary for the Contract Lab Program

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

CONTRACT LAB PROGRAM (CLP) COSTS

Total Routine Analytical Services (RAS) Costs	\$6,936.58
	<hr/>
Total Financial Cost Summary	\$6,936.58
	<hr/> <hr/>

Financial Cost Summary for the Contract Lab Program

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

CONTRACT LAB PROGRAM (CLP) COSTSRoutine Analytical Services (RAS)

Total Costs: \$6,936.58

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>SMO Amount</u>
<u>Case Number: 43471</u>					
<u>EPA Contract Number: EPW09038, CHEMTECH CONSULTING GROUP, INC.</u>					
332233	06/20/2013	58.50	AVC130224 07/18/2013	58.50	101.67
332566	07/16/2013	720.00	AVC130240 08/07/2013	720.00	1,251.32
Totals for EPW09038:				\$778.50	\$1,352.99
Totals for Case Number 43471:				\$778.50	\$1,352.99
<u>Case Number: 44025</u>					
<u>EPA Contract Number: EPW09038, CHEMTECH CONSULTING GROUP, INC.</u>					
334714	01/20/2014	855.00	AVC140083 01/31/2014	855.00	1,485.94
334715	01/20/2014	900.00	AVC140083 01/31/2014	900.00	1,564.15
Totals for EPW09038:				\$1,755.00	\$3,050.09
Totals for Case Number 44025:				\$1,755.00	\$3,050.09
Totals for Routine Analytical Services:				\$2,533.50	\$4,403.08

Financial Cost Summary for the Contract Lab Program

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37
Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
CRP# 152720

CONTRACT LAB PROGRAM (CLP) COSTS

<u>Fiscal</u> <u>Year</u>	<u>Rate Type</u>	<u>SMO</u> <u>Rate</u>
2013	Final	1.737940
2014	Final	1.737940

Miscellaneous (MIS) Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

Miscellaneous (MIS) Costs

Total Costs: \$247.50

<u>Procurement Number</u>	<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>	<u>Description</u>
<u>BANKCARD</u>						
B7BK0004373	1688498	11/23/2016	57,369.11	AVC170050	12/01/2016	188.08 GAN*DES MOINES REG-CC
B7BK0004384	1689313	12/01/2016	25,451.48	AVC170055	12/07/2016	59.42 1220 THE JOPLIN GLOBE
Vendor Total:					\$247.50	
Total Miscellaneous Costs:					\$247.50	

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2012	579.79	37.95%	220.03
2013	88,241.96	50.21%	44,306.27
2014	88,450.04	54.37%	48,090.28
2015	66,949.53	49.21%	32,945.86
2016	78,345.20	40.21%	31,502.63
2017	182,879.07	40.21%	73,535.67
2018	76,618.34	40.21%	30,808.25
	<u>582,063.93</u>		

Total EPA Indirect Costs

\$261,408.99

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2012	20	255.10	37.95%	96.81
		22	324.69	37.95%	123.22
			<u>579.79</u>		<u>\$220.03</u>
Total Fiscal Year 2012 Payroll Direct Costs:			<u>579.79</u>		<u>\$220.03</u>
Total Fiscal Year 2012:			<u>579.79</u>		<u>\$220.03</u>

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
DICKERSON, SHANEKA	2013	19	209.55	50.21%	105.22
		21	104.42	50.21%	52.43
			<u>313.97</u>		<u>\$157.65</u>
DRAKE, KENNETH	2013	18	66.79	50.21%	33.54
		19	69.51	50.21%	34.90
		20	141.76	50.21%	71.18
		22	141.76	50.21%	71.18
		23	141.76	50.21%	71.18
			<u>561.58</u>		<u>\$281.98</u>
EVANS, BARRY	2013	19	15.56	50.21%	7.81
		20	47.69	50.21%	23.95
		21	46.73	50.21%	23.46
		22	15.82	50.21%	7.94
			<u>125.80</u>		<u>\$63.16</u>

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2013	02	70.93	50.21%	35.61
		03	85.11	50.21%	42.73
		04	226.97	50.21%	113.96
		05	56.73	50.21%	28.48
		08	28.38	50.21%	14.25
		09	90.42	50.21%	45.40
		10	106.28	50.21%	53.36
		11	45.20	50.21%	22.69
		12	617.86	50.21%	310.23
		13	316.46	50.21%	158.89
		14	120.56	50.21%	60.53
		15	369.21	50.21%	185.38
		16	776.38	50.21%	389.82
		17	946.62	50.21%	475.30
		18	435.34	50.21%	218.58
		19	940.61	50.21%	472.28
		20	266.86	50.21%	133.99
		21	266.23	50.21%	133.67
		22	1,009.69	50.21%	506.97
		23	195.91	50.21%	98.37
		24	587.72	50.21%	295.09
		25	346.60	50.21%	174.03
		26	316.46	50.21%	158.89
			8,222.53		\$4,128.50
MADDEN, VENESSA	2013	15	62.00	50.21%	31.13
		21	728.37	50.21%	365.71
			790.37		\$396.84
PHILLIPS, TODD	2013	15	241.83	50.21%	121.42
		16	453.42	50.21%	227.66
		17	118.72	50.21%	59.61

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
PHILLIPS, TODD	2013	18	43.71	50.21%	21.95
			857.68		\$430.64
ROBLEZ, NICOLE	2013	15	231.98	50.21%	116.48
		17	57.13	50.21%	28.68
		19	342.67	50.21%	172.05
			631.78		\$317.21
SAMEK, PAMELA	2013	21	12.51	50.21%	6.28
			12.51		\$6.28
SEILER, JAMES	2013	18	32.15	50.21%	16.14
		20	32.77	50.21%	16.45
		22	80.59	50.21%	40.46
		24	114.67	50.21%	57.58
			260.18		\$130.63
STINE, KRISTINA	2013	21	8.06	50.21%	4.05
			8.06		\$4.05
Total Fiscal Year 2013 Payroll Direct Costs:			11,784.46		\$5,916.94

TRAVEL DIRECT COSTS

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
DRAKE, KENNETH	0TJIMW	09/10/2013	81.40	50.21%	40.87

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

TRAVEL DIRECT COSTS

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
DRAKE, KENNETH	0TJIMW	09/10/2013	18.82	50.21%	9.45
			100.22		\$50.32
HAGENMAIER, ELIZABETH	0T7J9P	03/18/2013	69.00	50.21%	34.65
			95.44	50.21%	47.92
	0TBPZE	05/17/2013	256.32	50.21%	128.70
			161.00	50.21%	80.84
	0TD9BW	06/10/2013	115.00	50.21%	57.74
			175.88	50.21%	88.31
	0TD9DF	06/20/2013	256.32	50.21%	128.70
			161.00	50.21%	80.84
	0TI8AQ	07/30/2013	69.00	50.21%	34.65
			95.44	50.21%	47.92
			1,454.40		\$730.27
MADDEN, VENESSA	0TJK4G	09/04/2013	69.00	50.21%	34.65
			95.44	50.21%	47.92
			164.44		\$82.57
Total Fiscal Year 2013 Travel Direct Costs:			1,719.06		\$863.16

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPS70505	61-001	04/02/2013	6,079.70	0.00	50.21%	3,052.62
	61-002	04/30/2013	14,051.44	0.00	50.21%	7,055.23
	61-003	05/31/2013	9,064.85	0.00	50.21%	4,551.46
	61-004	06/28/2013	24,198.41	0.00	50.21%	12,150.02
	61-005	08/13/2013	10,262.00	0.00	50.21%	5,152.55

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS70505	61-006	08/29/2013	4,189.65	0.00	50.21%	2,103.62
	61-007	09/27/2013	2,178.70	0.00	50.21%	1,093.93
			70,024.75	0.00		\$35,159.43
EPS71205	2	09/27/2013	117.47	0.00	50.21%	58.98
			117.47	0.00		\$58.98
EPW06019	15-320252	06/24/2013	65.12	16.82	50.21%	41.14
	16-321044	08/07/2013	897.63	231.80	50.21%	567.09
	17-322163	08/28/2013	460.39	118.89	50.21%	290.86
			1,423.14	367.51		\$899.09
EPW06046	4791.3-014	08/05/2013	201.50	350.19	50.21%	277.00
	4791.3-0016	09/13/2013	44.70	77.69	50.21%	61.45
			246.20	427.88		\$338.45
EPW09038	332233	07/18/2013	58.50	101.67	50.21%	80.42
	332566	08/07/2013	720.00	1,251.32	50.21%	989.80
			778.50	1,352.99		\$1,070.22
Total Fiscal Year 2013 Other Direct Costs:			72,590.06	2,148.38		\$37,526.17
Total Fiscal Year 2013:			88,241.96			\$44,306.27

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
BURNETT, BRYANT	2014	SP	318.28	54.37%	173.05
			318.28		\$173.05
CAMPBELL, TODD	2014	26	875.24	54.37%	475.87
			875.24		\$475.87
CLAYCAMP, ALISHA	2014	09	18.44	54.37%	10.03
			18.44		\$10.03
DICKERSON, SHANEKA	2014	13	72.62	54.37%	39.48
		27	103.01	54.37%	56.01
			175.63		\$95.49
DRAKE, KENNETH	2014	02	70.89	54.37%	38.54
		03	212.65	54.37%	115.62
		25	71.69	54.37%	38.98
			355.23		\$193.14
EVANS, BARRY	2014	08	31.78	54.37%	17.28
		10	32.10	54.37%	17.45
		27	192.63	54.37%	104.73
			256.51		\$139.46
HAGENMAIER, ELIZABETH	2014	02	469.18	54.37%	255.09
		03	830.08	54.37%	451.31
		04	956.38	54.37%	519.98
		05	703.76	54.37%	382.63
		06	1,263.15	54.37%	686.77

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2014	07	523.32	54.37%	284.53
		08	216.54	54.37%	117.73
		09	328.64	54.37%	178.68
		10	1,058.92	54.37%	575.73
		11	219.11	54.37%	119.13
		12	182.58	54.37%	99.27
		13	310.38	54.37%	168.75
		14	200.83	54.37%	109.19
		15	1,113.72	54.37%	605.53
		16	383.41	54.37%	208.46
		17	110.22	54.37%	59.93
		18	130.45	54.37%	70.93
		19	110.46	54.37%	60.06
		20	75.78	54.37%	41.20
		22	72.48	54.37%	39.41
		25	437.53	54.37%	237.89
		26	1,256.98	54.37%	683.42
		27	700.05	54.37%	380.62
			11,653.95		\$6,336.24
HARRIS, DIANE	2014	14	262.13	54.37%	142.52
			262.13		\$142.52
MADDEN, VENESSA	2014	15	942.73	54.37%	512.56
		18	1,508.39	54.37%	820.11
		19	1,445.52	54.37%	785.93
		20	1,885.48	54.37%	1,025.14
			5,782.12		\$3,143.74
NICHOLS, ROBERT	2014	16	18.37	54.37%	9.99

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
NICHOLS, ROBERT	2014	17	55.03	54.37%	29.92
			73.40		\$39.91
PHILLIPS, TODD	2014	03	60.46	54.37%	32.87
		20	559.14	54.37%	304.00
		24	152.93	54.37%	83.15
		25	107.05	54.37%	58.20
			879.58		\$478.22
PORTER, SAMUEL	2014	17	21.87	54.37%	11.89
			21.87		\$11.89
ROBICHAUD, JEFFERY	2014	14	41.53	54.37%	22.58
			41.53		\$22.58
ROBLEZ, NICOLE	2014	13	58.69	54.37%	31.91
		15	58.69	54.37%	31.91
		16	117.38	54.37%	63.82
		17	58.69	54.37%	31.91
		18	58.69	54.37%	31.91
		24	176.07	54.37%	95.73
		25	58.69	54.37%	31.91
		27	58.68	54.37%	31.90
			645.58		\$351.00

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
WILSON, DAVID	2014	17	18.20	54.37%	9.90
			18.20		\$9.90
Total Fiscal Year 2014 Payroll Direct Costs:			21,377.69		\$11,623.04

TRAVEL DIRECT COSTS

Traveler/Vendor Name	Travel Number	Treasury Schedule Date	Travel Costs	Ind. Rate (%)	Indirect Costs
HAGENMAIER, ELIZABETH	0TPHGR	12/20/2013	115.00	54.37%	62.52
			204.67	54.37%	111.28
	0TX35W	04/29/2014	194.05	54.37%	105.51
			16.94	54.37%	9.21
	TAA002S8	09/30/2014	201.41	54.37%	109.51
			115.00	54.37%	62.52
			847.07		\$460.55
MADDEN, VENESSA	0TX7TD	05/13/2014	16.94	54.37%	9.21
			189.76	54.37%	103.17
			206.70		\$112.38
Total Fiscal Year 2014 Travel Direct Costs:			1,053.77		\$572.93

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPR71104	190848	11/13/2013	23.96	0.00	54.37%	13.03
	196101	12/05/2013	6.85	0.00	54.37%	3.72
	197334	01/03/2014	41.09	0.00	54.37%	22.34

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPR71104	200079	02/05/2014	3.42	0.00	54.37%	1.86
	203110	03/12/2014	20.54	0.00	54.37%	11.17
	207265	04/07/2014	6.85	0.00	54.37%	3.72
	216744	05/02/2014	51.36	0.00	54.37%	27.92
	219419	05/29/2014	37.66	0.00	54.37%	20.48
	223454	07/01/2014	13.69	0.00	54.37%	7.44
	234482	09/04/2014	51.36	0.00	54.37%	27.92
			256.78	0.00		\$139.60
EPS70505	61-008	10/30/2013	357.95	0.00	54.37%	194.62
	61-009	11/29/2013	1,565.04	0.00	54.37%	850.91
	61-010	01/09/2014	3,791.20	0.00	54.37%	2,061.28
	61-011	01/29/2014	14,630.67	0.00	54.37%	7,954.70
	61-012	03/07/2014	2,554.38	0.00	54.37%	1,388.82
	61-013	03/28/2014	3,694.81	0.00	54.37%	2,008.87
	61-014	05/01/2014	4,322.81	0.00	54.37%	2,350.31
	61-015	05/29/2014	1,409.49	0.00	54.37%	766.34
	61-016	06/27/2014	2,936.32	0.00	54.37%	1,596.48
			35,262.67	0.00		\$19,172.33
EPS71205	3	11/01/2013	986.00	0.00	54.37%	536.09
	4	11/27/2013	39.16	0.00	54.37%	21.29
	5	01/07/2014	39.16	0.00	54.37%	21.29
	6	02/03/2014	39.16	0.00	54.37%	21.29
	7	03/04/2014	379.06	0.00	54.37%	206.09
	8	03/31/2014	2,156.71	0.00	54.37%	1,172.60
	9	05/02/2014	516.63	0.00	54.37%	280.89
	10	05/29/2014	4,179.94	0.00	54.37%	2,272.63
	11	06/27/2014	2,995.45	0.00	54.37%	1,628.63
	12	07/28/2014	5,932.20	0.00	54.37%	3,225.34
	13	09/02/2014	1,813.07	0.00	54.37%	985.77

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS71205	14	09/26/2014	1,991.32	0.00	54.37%	1,082.68
			21,067.86	0.00		\$11,454.59
EPW06046	4791.3-0018	11/07/2013	-0.11	-0.19	54.37%	-0.16
	791.3-0022R	02/03/2014	76.42	132.81	54.37%	113.76
	91-21RAFY14	02/26/2014	-6.66	-11.57	54.37%	-9.91
	3-028RAFY14	09/04/2014	5.33	9.26	54.37%	7.93
			74.98	130.31		\$111.62
EPW09038	334714	01/31/2014	855.00	1,485.94	54.37%	1,272.77
	334715	01/31/2014	900.00	1,564.15	54.37%	1,339.76
			1,755.00	3,050.09		\$2,612.53
EPW13027	4	02/13/2014	317.30	139.75	54.37%	248.50
	5	03/12/2014	435.74	191.92	54.37%	341.26
	9-329783	07/03/2014	2,255.13	993.25	54.37%	1,766.14
			3,008.17	1,324.92		\$2,355.90
EPW14004	4969.0-002	05/27/2014	36.42	51.38	54.37%	47.74
			36.42	51.38		\$47.74
Total Fiscal Year 2014 Other Direct Costs:			61,461.88	4,556.70		\$35,894.31
Total Fiscal Year 2014:			88,450.04			\$48,090.28

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
BURNETT, BRYANT	2015	DE	211.71	49.21%	104.18
		FB	85.60	49.21%	42.12
		NO	181.15	49.21%	89.14
		OC	505.41	49.21%	248.71
			983.87		\$484.15
CAMPBELL, TODD	2015	04	129.57	49.21%	63.76
		05	1,425.12	49.21%	701.30
		06	291.51	49.21%	143.45
		07	64.79	49.21%	31.88
		09	142.71	49.21%	70.23
		10	984.07	49.21%	484.26
		11	262.41	49.21%	129.13
		12	557.66	49.21%	274.42
		13	262.42	49.21%	129.14
		14	971.52	49.21%	478.08
			5,091.78		\$2,505.65
CLAYCAMP, ALISHA	2015	03	23.59	49.21%	11.61
			23.59		\$11.61
DAWANI, KARIM	2015	22	151.93	49.21%	74.76
			151.93		\$74.76
DRAKE, KENNETH	2015	06	72.24	49.21%	35.55
			72.24		\$35.55
HAGENMAIER, ELIZABETH	2015	01	124.40	49.21%	61.22
		02	337.07	49.21%	165.87

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2015	03	319.58	49.21%	157.27
		04	184.55	49.21%	90.82
		05	76.14	49.21%	37.47
		06	832.86	49.21%	409.85
		07	504.11	49.21%	248.07
		08	54.98	49.21%	27.06
		09	66.90	49.21%	32.92
		11	67.04	49.21%	32.99
		12	399.62	49.21%	196.65
		14	290.54	49.21%	142.97
		26	156.44	49.21%	76.98
		27	44.71	49.21%	22.00
			<u>3,458.94</u>		<u>\$1,702.14</u>
MADDEN, VENESSA	2015	06	195.40	49.21%	96.16
			<u>195.40</u>		<u>\$96.16</u>
NICHOLS, ROBERT	2015	03	92.60	49.21%	45.57
			<u>92.60</u>		<u>\$45.57</u>
PETERSON, MARY	2015	22	38.60	49.21%	19.00
			<u>38.60</u>		<u>\$19.00</u>
PHILLIPS, TODD	2015	06	138.95	49.21%	68.38
		14	568.05	49.21%	279.54
			<u>707.00</u>		<u>\$347.92</u>

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
ROBLEZ, NICOLE	2015	03	59.25	49.21%	29.16
			59.25		\$29.16
SCHREINER, AMIA	2015	26	32.16	49.21%	15.83
			32.16		\$15.83
Total Fiscal Year 2015 Payroll Direct Costs:			10,907.36		\$5,367.50

TRAVEL DIRECT COSTS

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
CAMPBELL, TODD	TAA004V4	10/01/2014	69.00	49.21%	33.95
		10/02/2014	14.75	49.21%	7.26
	TAA00J9T	12/15/2014	14.75	49.21%	7.26
			115.00	49.21%	56.59
			213.50		\$105.06
Total Fiscal Year 2015 Travel Direct Costs:			213.50		\$105.06

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPR71104	246251	01/05/2015	13.69	0.00	49.21%	6.74
			13.69	0.00		\$6.74
EPR71403	1R	02/20/2015	6.40	0.00	49.21%	3.15
	2R	03/10/2015	6.40	0.00	49.21%	3.15

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPR71403	4	04/24/2015	6.40	0.00	49.21%	3.15
	8	07/29/2015	6.40	0.00	49.21%	3.15
	9	08/25/2015	19.20	0.00	49.21%	9.45
	10	09/17/2015	19.20	0.00	49.21%	9.45
			<u>64.00</u>	<u>0.00</u>		<u>\$31.50</u>
EPS70505	61-017	02/10/2015	426.85	0.00	49.21%	210.05
	61-018	03/04/2015	640.15	0.00	49.21%	315.02
	61-019	09/01/2015	2,235.76	0.00	49.21%	1,100.22
	61-020	09/29/2015	14,058.88	0.00	49.21%	6,918.37
			<u>3,480.44</u>	<u>0.00</u>	<u>49.21%</u>	<u>1,712.72</u>
			<u>20,842.08</u>	<u>0.00</u>		<u>\$10,256.38</u>
EPS71205	15	10/28/2014	827.80	0.00	49.21%	407.36
	16	11/28/2014	78.31	0.00	49.21%	38.54
	17	12/30/2014	1,245.54	0.00	49.21%	612.93
	18	01/27/2015	4,935.02	0.00	49.21%	2,428.52
	19	03/10/2015	5,534.76	0.00	49.21%	2,723.66
	20	03/27/2015	7,261.36	0.00	49.21%	3,573.32
	21	05/05/2015	1,149.77	0.00	49.21%	565.80
	22	06/25/2015	2,157.16	0.00	49.21%	1,061.54
	23	06/26/2015	976.73	0.00	49.21%	480.65
			<u>24,166.45</u>	<u>0.00</u>		<u>\$11,892.32</u>
EPW13027	14-333350	11/12/2014	2,125.44	936.13	49.21%	1,506.60
	15-333904	11/26/2014	5,381.76	2,132.36	49.21%	3,697.70
	21-337401	04/24/2015	59.72	23.66	49.21%	41.03

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW13027	22-338164	05/29/2015	59.72	23.66	49.21%	41.03
			7,626.64	3,115.81		\$5,286.36
Total Fiscal Year 2015 Other Direct Costs:			52,712.86	3,115.81		\$27,473.30
Total Fiscal Year 2015:			66,949.53			\$32,945.86

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
CAMPBELL, TODD	2016	11	335.41	40.21%	134.87
		21	379.24	40.21%	152.49
			714.65		\$287.36
HAGENMAIER, ELIZABETH	2016	08	196.41	40.21%	78.98
		09	75.72	40.21%	30.45
		10	25.24	40.21%	10.15
		11	25.24	40.21%	10.15
		12	48.19	40.21%	19.38
		13	75.72	40.21%	30.45
		18	75.12	40.21%	30.21
		19	100.96	40.21%	40.60
		21	382.22	40.21%	153.69
		22	325.48	40.21%	130.88
		23	1,009.67	40.21%	405.99
		24	1,501.91	40.21%	603.92
		25	201.94	40.21%	81.20
		26	580.71	40.21%	233.50

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2016	27	580.56	40.21%	233.44
			5,205.09		\$2,092.99
HAYS, MARILYN	2016	22	18.27	40.21%	7.35
			18.27		\$7.35
KELLER, MELANIE	2016	26	134.32	40.21%	54.01
		27	67.17	40.21%	27.01
			201.49		\$81.02
LAW, PRESTON	2016	22	714.91	40.21%	287.47
		23	66.50	40.21%	26.74
		26	342.66	40.21%	137.78
			1,124.07		\$451.99
MADDEN, VENESSA	2016	09	206.78	40.21%	83.15
		20	275.72	40.21%	110.87
			482.50		\$194.02
PHILLIPS, TODD	2016	06	852.77	40.21%	342.90
		08	337.89	40.21%	135.87
		20	229.53	40.21%	92.29
			1,420.19		\$571.06
SCHREINER, AMIA	2016	20	71.94	40.21%	28.93
		23	71.94	40.21%	28.93
		24	301.75	40.21%	121.33
		25	71.24	40.21%	28.65

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
SCHREINER, AMIA	2016	27	286.10	40.21%	115.04
			802.97		\$322.88
Total Fiscal Year 2016 Payroll Direct Costs:			9,969.23		\$4,008.67

TRAVEL DIRECT COSTS

<u>Traveler/Vendor Name</u>	<u>Travel Number</u>	<u>Treasury Schedule Date</u>	<u>Travel Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
BANK ONE	TAA03EFB	09/09/2016	14.75	40.21%	5.93
			14.75		\$5.93
BONNEY, CONRAD	TAA03EFB	08/24/2016	169.48	40.21%	68.15
			169.48		\$68.15
HAGENMAIER, ELIZABETH	TAA03DTJ	08/25/2016	107.73	40.21%	43.32
			76.50	40.21%	30.76
			184.23		\$74.08
RICHARDS, ROBERT	TAA03E8X	09/13/2016	114.99	40.21%	46.24
			76.50	40.21%	30.76
			191.49		\$77.00
Total Fiscal Year 2016 Travel Direct Costs:			559.95		\$225.16

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

CRP# 152720

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPR71403	11	10/26/2015	6.40	0.00	40.21%	2.57
	16	03/17/2016	25.85	0.00	40.21%	10.39
	21	07/22/2016	6.46	0.00	40.21%	2.60
	22	08/19/2016	25.85	0.00	40.21%	10.39
	23	09/27/2016	12.93	0.00	40.21%	5.20
			<u>77.49</u>	<u>0.00</u>		<u>\$31.15</u>
EPS70505	61-021	11/05/2015	4,548.50	0.00	40.21%	1,828.95
	61-022	12/07/2015	1,072.83	0.00	40.21%	431.38
	61-023	01/07/2016	1,042.28	0.00	40.21%	419.10
	61-024	02/01/2016	671.53	0.00	40.21%	270.02
	61-025	03/14/2016	1,310.12	0.00	40.21%	526.80
	61-026	04/07/2016	3,787.35	0.00	40.21%	1,522.89
	61-027	05/25/2016	5,828.86	0.00	40.21%	2,343.78
	61-028	05/26/2016	12,606.16	0.00	40.21%	5,068.94
	61-029	06/30/2016	15,909.85	0.00	40.21%	6,397.35
	61-030	08/02/2016	5,610.21	0.00	40.21%	2,255.87
	61-031	09/09/2016	7,459.28	0.00	40.21%	2,999.38
	61-032	09/29/2016	7,635.77	0.00	40.21%	3,070.34
			<u>67,482.74</u>	<u>0.00</u>		<u>\$27,134.80</u>
EPS71205	24	11/05/2015	87.35	0.00	40.21%	35.12
			<u>87.35</u>	<u>0.00</u>		<u>\$35.12</u>
EPW13027	26-341945	10/14/2015	119.44	47.32	40.21%	67.05
			<u>119.44</u>	<u>47.32</u>		<u>\$67.05</u>

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW14004	69-27RAFY15	05/23/2016	0.79	0.89	40.21%	0.68
			0.79	0.89		\$0.68
Total Fiscal Year 2016 Other Direct Costs:			67,767.81	48.21		\$27,268.80
Total Fiscal Year 2016:			78,345.20			\$31,502.63

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
CAMPBELL, TODD	2017	13	858.52	40.21%	345.21
		14	991.02	40.21%	398.49
			1,849.54		\$743.70
FRITZ, KONI	2017	12	239.97	40.21%	96.49
		13	60.00	40.21%	24.13
			299.97		\$120.62
HAGENMAIER, ELIZABETH	2017	04	114.40	40.21%	46.00
		06	457.62	40.21%	184.01
		07	171.59	40.21%	69.00
		09	233.67	40.21%	93.96
		10	233.65	40.21%	93.95
		12	262.88	40.21%	105.70
		13	29.20	40.21%	11.74
		15	87.62	40.21%	35.23
		16	321.27	40.21%	129.18
		18	58.41	40.21%	23.49

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HAGENMAIER, ELIZABETH	2017	20	348.19	40.21%	140.01
			2,318.50		\$932.27
HARRIS, DIANE	2017	20	260.17	40.21%	104.61
			260.17		\$104.61
JORDI, DANELL	2017	21	16.54	40.21%	6.65
			16.54		\$6.65
MAYNARD, KATHRYN	2017	12	24.43	40.21%	9.82
			24.43		\$9.82
ROBLEZ, NICOLE	2017	21	61.53	40.21%	24.74
		23	123.04	40.21%	49.47
			184.57		\$74.21
TATA, ANTHONY	2017	23	392.47	40.21%	157.81
			392.47		\$157.81
WATTERSON, SARAH	2017	20	41.38	40.21%	16.64
			41.38		\$16.64
Total Fiscal Year 2017 Payroll Direct Costs:			5,387.57		\$2,166.33

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

Operable Unit(s): 08

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
B7BK0004373	1688498	12/01/2016	188.08	0.00	40.21%	75.63
			188.08	0.00		\$75.63
B7BK0004384	1689313	12/07/2016	59.42	0.00	40.21%	23.89
			59.42	0.00		\$23.89
EPR71403	24	10/24/2016	71.09	0.00	40.21%	28.59
	26	12/20/2016	19.39	0.00	40.21%	7.80
	29	02/27/2017	12.93	0.00	40.21%	5.20
	34	07/28/2017	12.93	0.00	40.21%	5.20
			116.34	0.00		\$46.79
EPS70505	61-033	10/27/2016	1,626.77	0.00	40.21%	654.12
	61-034	11/30/2016	1,549.49	0.00	40.21%	623.05
	61-035	12/28/2016	1,239.44	0.00	40.21%	498.38
	61-036	01/27/2017	1,770.12	0.00	40.21%	711.77
	61-037	03/06/2017	1,781.14	0.00	40.21%	716.20
	61-038	03/28/2017	2,025.41	0.00	40.21%	814.42
	73-001	04/28/2017	48,210.18	0.00	40.21%	19,385.31
	73-002	06/07/2017	39,930.19	0.00	40.21%	16,055.93
	73-003	06/30/2017	5,121.09	0.00	40.21%	2,059.19
	73-004	08/03/2017	38,389.79	0.00	40.21%	15,436.53
	73-005	08/28/2017	7,158.74	0.00	40.21%	2,878.53
	73-006	09/28/2017	28,326.42	0.00	40.21%	11,390.05
			177,128.78	0.00		\$71,223.48

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

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CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS71205	25	11/18/2016	-1.12	0.00	40.21%	-0.45
			-1.12	0.00		\$-0.45
Total Fiscal Year 2017 Other Direct Costs:			177,491.50	0.00		\$71,369.34
Total Fiscal Year 2017:			182,879.07			\$73,535.67

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
CAMPBELL, TODD	2018	02	210.02	40.21%	84.45
			210.02		\$84.45
CLAYCAMP, ALISHA	2018	05	27.06	40.21%	10.88
		12	165.55	40.21%	66.57
			192.61		\$77.45
FRIES, HARVEY	2018	04	55.44	40.21%	22.29
			55.44		\$22.29
HAGENMAIER, ELIZABETH	2018	02	240.68	40.21%	96.78
		09	30.68	40.21%	12.34
			271.36		\$109.12

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
KIMBALL, LORRAINE	2018	12	31.01	40.21%	12.47
			31.01		\$12.47
KLOECKNER, ELIZABETH	2018	08	449.14	40.21%	180.60
		09	122.50	40.21%	49.26
		13	81.67	40.21%	32.84
			653.31		\$262.70
ROBLEZ, NICOLE	2018	04	61.79	40.21%	24.85
		11	62.92	40.21%	25.30
		12	62.92	40.21%	25.30
			187.63		\$75.45
ST. GERMAIN, MARGARET	2018	12	92.27	40.21%	37.10
			92.27		\$37.10
TATA, ANTHONY	2018	12	600.58	40.21%	241.49
			600.58		\$241.49
VELASQUEZ, ISABEL	2018	04	631.68	40.21%	254.00
			631.68		\$254.00
WERT, CORAL	2018	13	17.97	40.21%	7.23
			17.97		\$7.23

EPA Indirect Costs

CHEROKEE CNTY/TRI-STATE MINING AREA, CHEROKEE, KS SITE ID = 07 37

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CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18

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PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
WILSON, DAVID	2018	03	13.15	40.21%	5.29
			13.15		\$5.29
Total Fiscal Year 2018 Payroll Direct Costs:			2,957.03		\$1,189.04

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPR71403	37	10/26/2017	90.48	0.00	40.21%	36.38
	38	11/29/2017	38.78	0.00	40.21%	15.59
	39	12/20/2017	6.46	0.00	40.21%	2.60
	41	01/24/2018	64.63	0.00	40.21%	25.99
	40R	01/24/2018	25.85	0.00	40.21%	10.39
	42	02/22/2018	25.85	0.00	40.21%	10.39
			252.05	0.00		\$101.34
EPS70505	73-007	10/30/2017	20,621.36	0.00	40.21%	8,291.85
	73-008	11/29/2017	10,629.50	0.00	40.21%	4,274.12
	73-009	01/02/2018	11,796.01	0.00	40.21%	4,743.18
			1,612.73	0.00	40.21%	648.48
	73-010	01/26/2018	5,959.08	0.00	40.21%	2,396.15
	73-011	02/28/2018	3,145.32	0.00	40.21%	1,264.73
	73-012	03/28/2018	9,697.56	0.00	40.21%	3,899.39
	73-013	05/02/2018	4,815.14	0.00	40.21%	1,936.17
	73-014	05/29/2018	4,592.47	0.00	40.21%	1,846.63
			72,869.17	0.00		\$29,300.70
EPW13027	57-358263	03/28/2018	153.24	65.90	40.21%	88.12

CHEROKEE COUNTY, OU08, COSTS FROM 10/01/80 TO 05/31/18
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Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW13027	58-358784	04/23/2018	224.44	96.51	40.21%	129.05
			377.68	162.41		\$217.17
Total Fiscal Year 2018 Other Direct Costs:			73,498.90	162.41		\$29,619.21
Total Fiscal Year 2018:			76,618.34			\$30,808.25
Total EPA Indirect Costs						\$261,408.99